

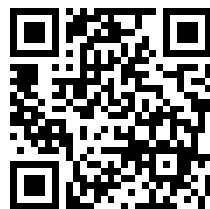
Catalogue and price list

Detroit Stove Works

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1899

1900

No. 67

CATALOGUE PRICE LIST

OF



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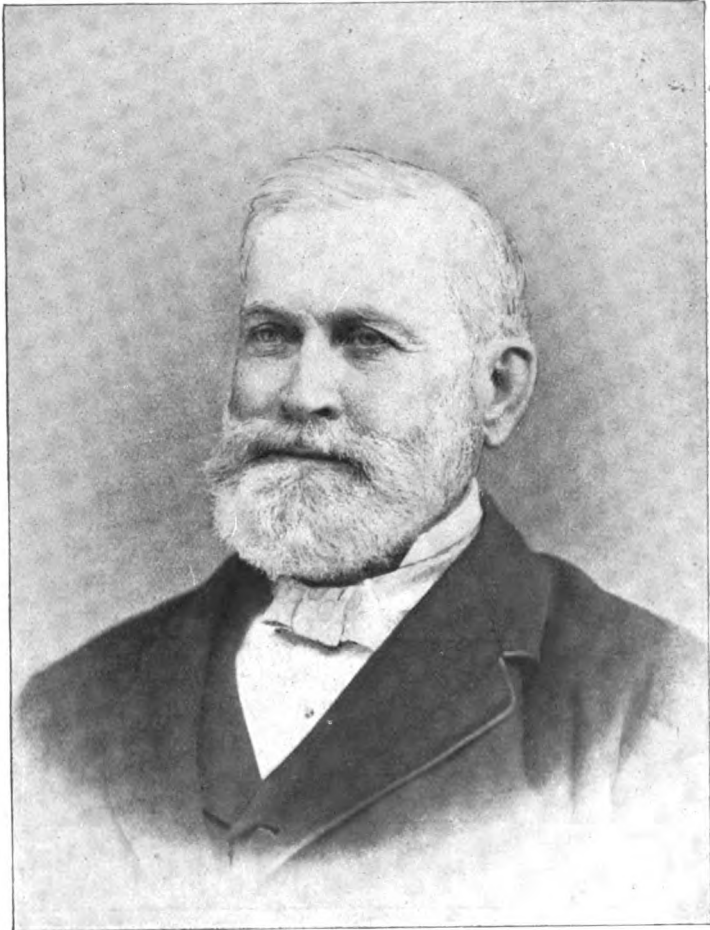
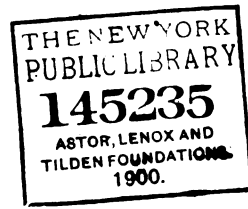
★ Detroit Stove Works

Detroit, Mich.

Chicago, Ill.

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NEW YORK
PUBLIC
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WILLIAM H. TEFFT,

Founder of the Largest Stove Plant in the World, the Detroit Stove Works,
and Pioneer Stove Foundryman of the Northwest.

BRIEFLY STATED

JEWEL STOVES AND RANGES are made in the largest stove plant in the world.

JEWEL STOVES AND RANGES are made in the best equipped stove plant in the world.

JEWEL STOVES AND RANGES are made from the best materials obtainable for the purposes to which they are put.

JEWEL STOVES AND RANGES are made in only one uniform high grade.

JEWEL STOVES AND RANGES constantly embody more improvements of practical and ornamental value than any other line.

JEWEL STOVES AND RANGES have no equals in those features which appeal to the public.

JEWEL STOVES AND RANGES have been famous for over thirty years.

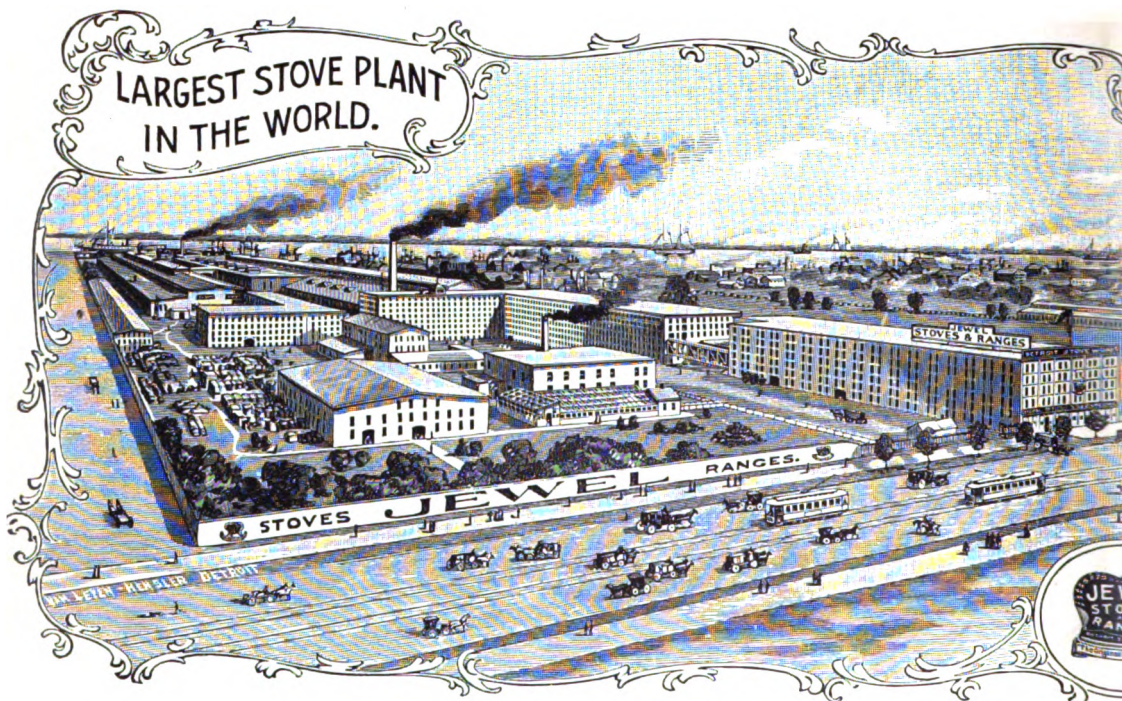
JEWEL STOVES AND RANGES are advertised in the most systematic and thorough manner.

JEWEL STOVES AND RANGES all bear the Jewel trade-mark, which, with the public, has more weight than a strong argument.

Detroit Stove Works.

Detroit Stove Works

LARGEST STOVE PLANT
IN THE WORLD.



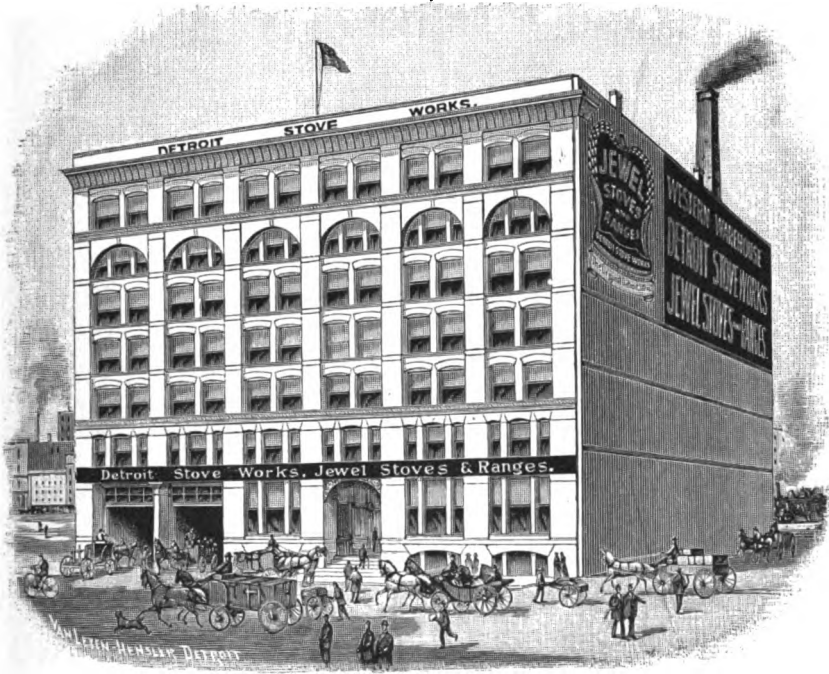
General Offices, Salesrooms, and Works:

1320 to 1360 Jefferson Avenue,
DETROIT, MICH.

W. T. BARBOUR, PRESIDENT.
W. G. HENRY, VICE-PRESIDENT.

G. B. GUNDERSON, SEC'Y AND TREAS.
LAFAYETTE CROWLEY, SUPT.

Detroit Stove Works



Western Offices, Salesrooms, and Warehouse:

2921 to 2933 South La Salle Street,
CHICAGO, ILL.

THE LARGEST AND MOST COMPLETE WAREHOUSES FOR THE DISTRIBUTION OF STOVES.

Telegraphic Code

Business Phrases in Frequent Use.

Ship us by freight at once,	Parched.
Ship us by boat at once,	Parchment.
Add to our order,	Pardon.
Change our order to read,	Pardonable.
If our order has not yet been shipped,	Parent.
If our order has been shipped,	Parentage.
Quote us prices by wire on the following,	Parish.
Ship by freight direct to,	Valentine.

Railroads.

Via Chicago & Grand Trunk,	Pack.
Via Detroit, Bay City & Alper a,	Pad.
Via Detroit, Grand Haven & Milwaukee,	Paddle.
Via Detroit, Lansing & Northern,	Padlock.
Via Flint & Pere Marquette,	Pagan.
Via Grand Trunk,	Pagoda.
Via Lake Shore & Michigan Southern,	Painful.
Via Michigan Central,	Painter.
Via Atchison, Topeka & Santa Fe,	Palaide.
Via Baltimore & Ohio,	Palliate.
Via Chicago & Alton,	Pallid.
Via Chicago & Eastern Illinois,	Palm.
Via Chicago & Erie,	Palpable.
Via Chicago & Northwestern,	Paltry.
Via Chicago, Burlington & Quincy,	Pamper.
Via Chicago, Milwaukee & St. Paul,	Pamphlet.
Via Chicago, Rock Island & Pacific,	Pander.
Via Chicago Great Western,	Panel.
Via Illinois Central,	Pang.
Via Louisville, New Albany & Chicago,	Panic.
Via New York, Chicago & St. Louis,	Panorama.
Via Pittsburgh, Cincinnati, } Chicago & St. Louis, }	Pansy.
Via Pittsburgh, Fort Wayne & Chicago,	Panthreon.
Via Wabash, St. Louis & Pacific,	Panther.
Via Wisconsin Central,	Pantry.
Care of Great Northern,	Parachute.
Care of Missouri Pacific,	Paradise.
Care of Northern Pacific,	Paradox.
Care of Southern Pacific,	Paragon.
Care of Union Pacific,	Paragraph.

Lake Lines.

Anchor Line,	Partiality.
Ashley & Dustin's Line,	Partial.
Detroit & Cleveland Navigation Company,	Participate.
Goodrich Transportation Company,	Particle.
Graham & Morton Transportation Co.,	Particular.
Lake Michigan & Lake Superior } Transportation Company, }	Partition.
Union Transit Company,	Partridge.
Northern Steamship Company,	Passable.
Northern Michigan Line,	Party.
Peter O'Connor's Line,	Passage.
Seymour's Line,	Passenger.
Star Cole Line,	Passport.
Thompson Line,	Pastime.

Cable Code.

Our Cable address is,	Barbour-Detroit.
Have goods insured,	Park.
Ship via Allan Line to,	Parlance
Ship via Anchor Line to,	Parley.
Ship via Compagnie Générale } Transatlantique to, }	Parliament
Ship via Cunard Line to,	Parody.
Ship via Inman Line to,	Parole.
Ship via Netherlands American } Steam Nav. Co. to, }	Parrot.
Ship via North German Lloyd Line to,	Parsley.
Ship via Red Star Line to,	Parsnip.
Ship via Union Line to,	Parson.
Ship via White Star Line to,	Partake.

Express Code.

Send us at once by Express,	Tabard.
Send us at once by Adams Express,	Tabernacle.
Send us at once by American Express,	Table.
Send us at once by National Express,	Taboo.
Send us at once by Northern } Pacific Express, }	Tabular.
Send us at once by Pacific Express,	Tacit.
Send us at once by United States Express,	Taciturn.
Send us at once by Wells-Fargo Express,	Tackle.

Use of Code Illustrated.

The use of the Telegraphic Code published in this Catalogue will be understood from the following :

CODE TELEGRAM.—Parched pander six beneficent with beckon, one daring, four hillside, two impersonation.

TRANSLATION.—Ship us by freight at once via Chicago, Rock Island & Pacific six No. 8-21 Merit Jewel Ranges, with high closet and water-front; one No. 97-20 Empire Jewel Range, with high shelf, reservoir, broiler feed, duplex grate, and brick linings; four No. 51-20 Home Jewel Cook stoves, with reservoir; two No. 114 Ideal Jewels.

By comparing the number of words used in the Code Telegram with the number used in the translation, it will be noticed that *there is a saving of 51 words.* By the use of the telegraphic code our patrons will not only be able to reduce the cost of telegraphing us to a minimum, but they will also be less likely to make mistakes than when attempting to transmit long directions and descriptions.

Terms, Etc.

Coal and Wood Stoves.

1—Bills shipped in the months of January and February may be dated March 1st, 4 months, or 5% discount for cash received within 30 days. The limit on cash discounts on January and February shipments shall be as follows:

- a. On cash received before April 1st—5%.
- b. On cash received between April 1st and April 15th—3%.
- c. On cash received between April 15th and May 1st—2%.
- d. On cash received between May 1st and June 1st—1%.
- e. No cash discounts will be allowed on June remittances when made to apply on bills due July 1st.

2—Bills for Cooking Stoves and Ranges sold in the months of March, April and May shall be 4 months from date of shipment, or 5% discount for cash received within 30 days.

- a. 3% discount for cash received after 30 days and within 45 days.
- b. 2% discount for cash received after 45 days and within 60 days.
- c. 1% discount for cash received after 60 days and within 90 days.

3—Heating Stoves sold in the months of March, April and May may be dated September 1st, 4 months, or 5% discount for cash received before November 1st.

4—All bills shipped in the months of June, July and August may be dated not later than September 1st, 4 months, or 5% discount for cash received before November 1st.

5—All bills shipped in September to be 4 months from date of invoice, or 5% discount for cash received before November 1st. The limit to cash discounts on Fall shipments made before or during the month of September shall be as follows:

- a. For cash received on or before November 1st—5%.
- b. For cash received between November 2d and November 15th (inc.)—3%.
- c. For cash received between November 16th and December 1st (inc.)—1%.
- d. No cash discounts will be allowed on December remittances when made to apply on bills due January 1st.

6—Sales made in October, November and December to be 4 months from date of invoice, 5% discount for cash received within 30 days.

- a. 3% discount for cash received after 30 days and within 45 days.
- b. 2% discount for cash received after 45 days and within 60 days.
- c. 1% discount for cash received after 60 days and within 90 days.

Gas and Kerosene Stoves.

7—Sixty days, or 2% discount for cash in 10 days.

Bills shipped in January, February and March may be dated April 1st.

Repairs.

8—Repairs of all kinds—NET CASH.

9—If purchasers shall sell or mortgage their stocks of merchandise, accounts shall become due and payable forthwith.

10—All Stoves are shipped "released," or at buyer's risk of breakage. After obtaining receipt showing that we delivered the goods to transportation company in good order, our responsibility ceases.

11—Remittances must be made in funds par in Detroit, Chicago or St. Louis. Dealers in small towns will confer a favor by not mailing their own checks on local banks, because the city banks refuse to take such checks at par. Dealers can obtain from their own bank a bank draft on one of the larger trade centers without cost or at a very small expense. For small remittances Express Orders are generally found cheapest and most convenient.

12—Shipments by boat are not insured unless so directed on each order.

13—All prices are subject to change without notice.

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Largest
Stove Plant
- in -
the World.

Jewel Steel Range.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Blue Polished Steel Series.

Unequaled in Design, Finish, and Practical Value; the Handsomest of Steel Ranges.

Compactly built; operated entirely from front. Body made of best heavy **blue polished steel** of uniform color; front and sides in one piece.

Body lined with asbestos to retain heat and economize fuel; reinforced and protected by steel and cast plates.

Wrought Steel Oven; broad, deep, and high; bakes with a **minimum of fuel**.

Dean Patent Oven bottom; sectional, to obviate warping.

Cast Protection Plate between fire-box lining and oven; cast Protection Plate over portion of oven-top.

Ventilating Damper in oven-door.

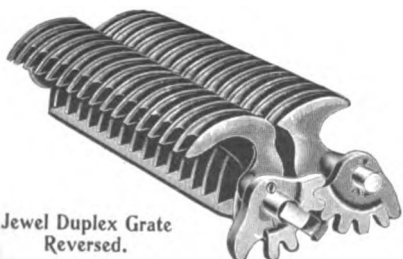
Oven Door counterbalanced; falls without jar to horizontal position; inner surface perfectly smooth.

Strong cast Oven-Rack.

Fire-Box supplied with Duplex Grate, which, when reversed, forms a good wood fire bottom.



Jewel Duplex Grate.



Jewel Duplex Grate
Reversed.

Duplex Grate easily removed or replaced through special grate door without disturbing linings or water-front; no grate frames or tracks to warp and get out of order.

Special Wood Grate and Special Wood Linings when range is to be used for wood only.

Fire-Box Extension at rear end, for long wood, on every range.

Extra heavy Iron Linings unless Brick Linings are specially ordered.

Draft-Slide **full length of fire-box**, on side of range.

Spacious Hopper Feed-Door.

When ordered, Water-Front for coal or Water-Back for wood, or both if wanted.

Fire-Box and Flues carefully proportioned so as to produce the quickest heat from a **minimum of fuel**.

Deep White Enameled Reservoir, encased in cast-iron.

Flue-Shifting Reservoir Damper, which provides a means both for quick heating of water in reservoir, and for quick heating of oven.

Reservoir Top flush with top of range; cover finished in **aluminum** and handsomely illuminated.



Jewel Broiler Feed Door.

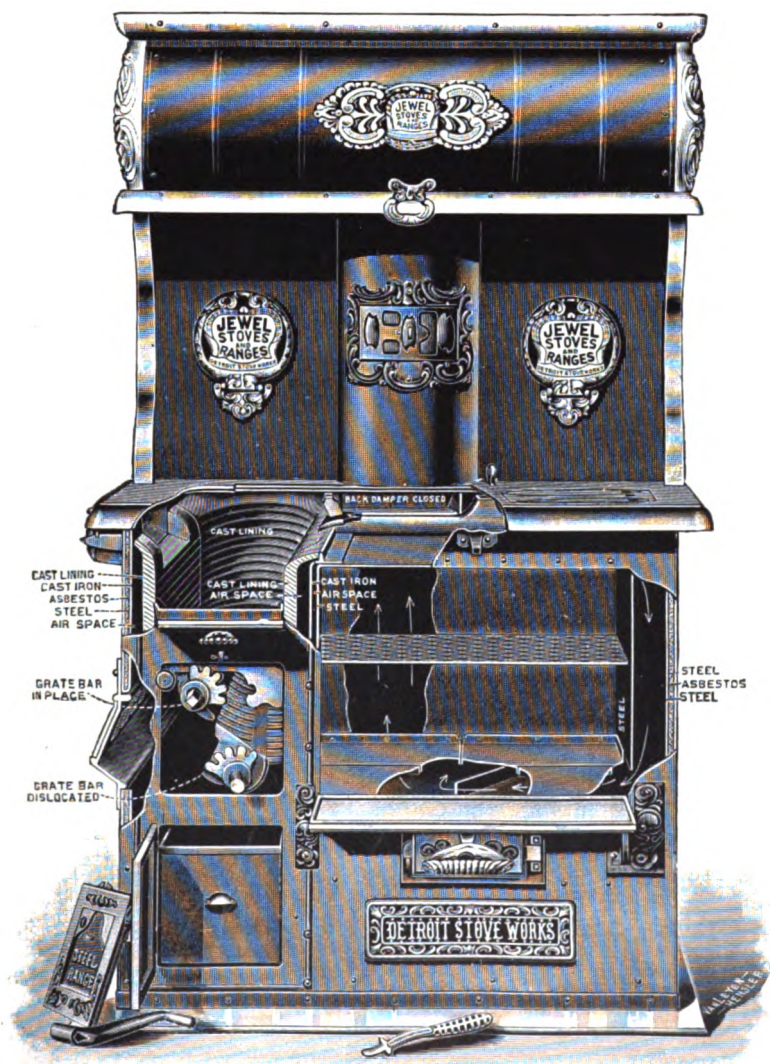
Range supplied with Broiling Door, with draft-slide; a great convenience and a **specialty in this range**.

Top-Plate cast in sections, to obviate cracking.
 Extra heavy Jewel Covers, one made in ring sections for reducing size of hole; extra heavy Centers, with no linings to burn off; Long Centers cut to obviate warping
 Vertical Damper; easily operated; handle out of reach of flames.
 Large Bailed Ash-Pan of heavy steel; catches all the ashes and cinders.
 Tight hinged Ash-Pit Door.
 Tight hinged Clean-Out Door, presenting large opening.
 Very ornamental and convenient High-Shelf.
 Roomy High-Closet with rolling front.
 Two drop Teapot-Shelves on High-Shelf and High-Closet.
 Towel Rod.

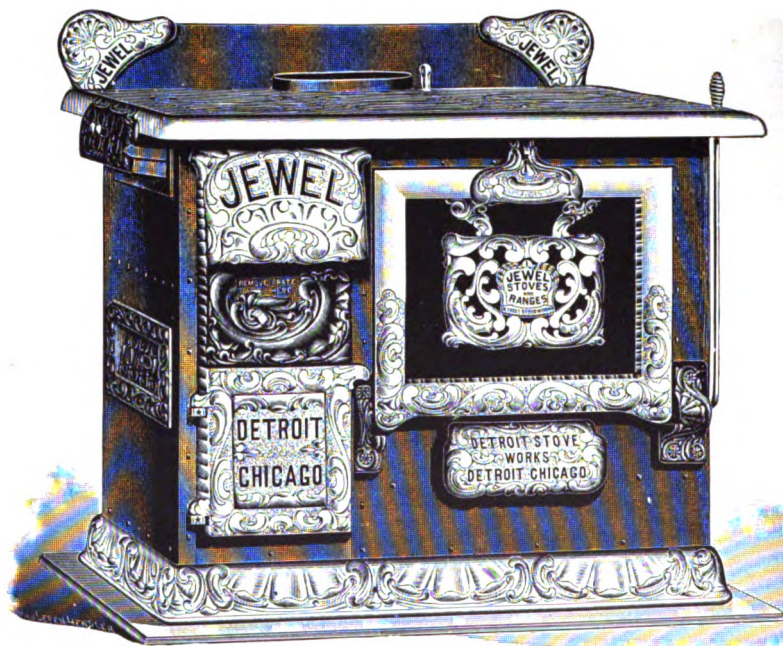
Joint of Planished Pipe, with check damper.
Very ornamental Cast Base; finished in Aluminum, which will not wear off or permit rust; easily kept clean; obviates use of blacking, which smears floor.

NICKELED PARTS AS FOLLOWS:

Oven-Door Frame and Handle; Panels on oven-door, on cheek of reservoir casing, and on rolling front of high-closet; Outer Plate on hopper feed-door; Clean-Out Door; Ash-Pit Door; two Teapot-Shelves; two High-Closet and High-Shelf Brackets; High-Closet Corners; High-Shelf Corner Pieces; Upper and Lower Bands on high-closet; Band on high-shelf; Handle of high-closet rolling front; ventilated Band on top-plate; Towel Rod. Extra heavy plate on all.



Sectional View of Jewel Steel Range.



Jewel Steel Range.

STYLE A.

Square Range, with Back Guard.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

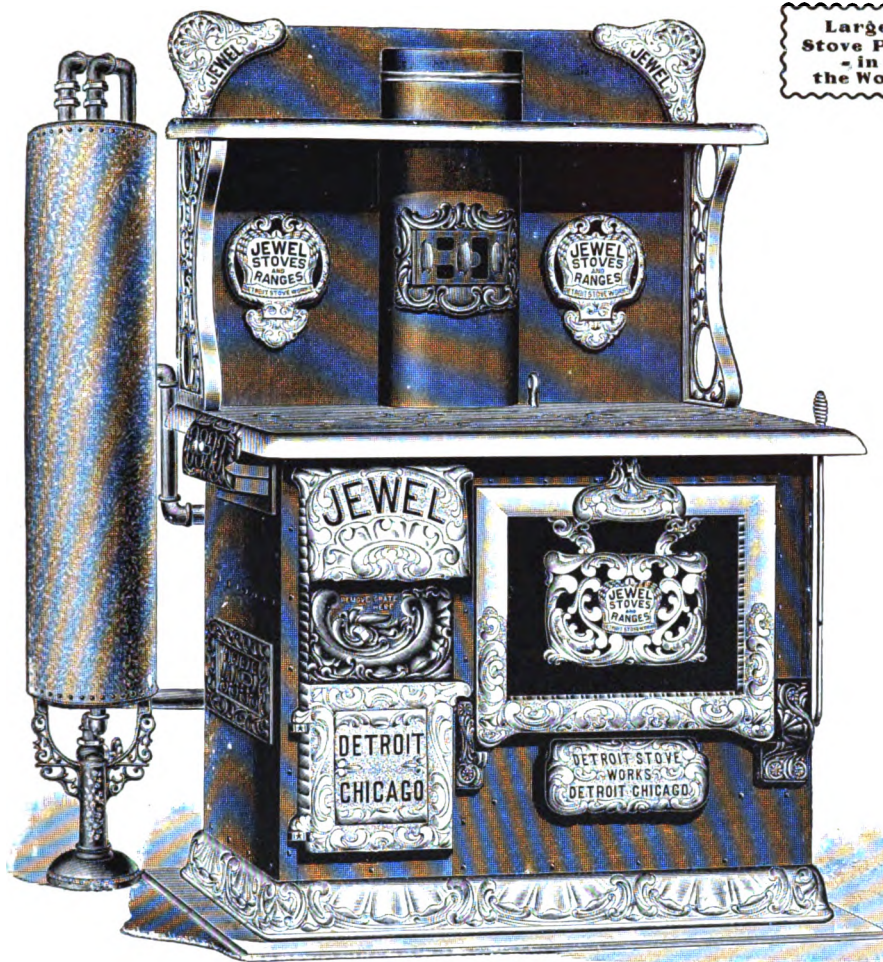
Nos.		Ovens.	WEIGHTS.	LIST.	CODE.
862-16	Six 8-in. holes.	16 x 22½ x 14 in.	430	\$50.00	Audibil.
862-13	" 8 " "	18 x 22½ x 14 "	445	56.00	Audible.
962-18	" 9 " "	18 x 22½ x 14 "	445	57.00	Audience
862-20	" 8 " "	20 x 22½ x 14 "	460	62.00	Audit.
962-20	" 9 " "	20 x 22½ x 14 "	460	63.00	Auditor.
Water-Front, fitted, extra, all sizes,		- - - - -	- - - - -	5.50	Auditory
Water-Front, separate, all sizes		- - - - -	- - - - -	7.25	Augur.
High-Shelf, extra, all sizes.		- - - - -	- - - - -	8.75	Augury.
High Closet, extra, all sizes,		- - - - -	- - - - -	16.25	August.

This range, any size, can be furnished to order with **four** instead of **six** holes. Prices as above.
Code, Augustine.

TOP SURFACE DIMENSIONS.

Nos. 862-16,	- - - - -	31 x 35½ in.
" 862-18,	- - - - -	31 x 35½ "
" 962-18, 862-20, 962-20,	- - - - -	31 x 35½ "

24-inch wood can be used in all of these



Largest
Stove Plant
- in -
the World. 1899

Jewel Steel Range.

STYLE I.

Square Range, with Elevated-Shelf.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
\$62-16	Six 8-in. holes.	16 x 22½ x 14 in.	480	\$58.75	Aural.
\$62-18	" 8 " "	18 x 22½ x 14 "	495	64.75	Aureole.
662-18	" 9 " "	18 x 22½ x 14 "	495	65.75	Aurist.
\$62-20	" 8 " "	20 x 22½ x 14 "	510	70.75	Aurora.
962-20	" 9 " "	20 x 22½ x 14 "	510	71.75	Avaunt.
Water-Front, fitted, extra, all sizes,		- - - - -	-	5.50	Auditory.
Water-Front, separate, all sizes,		- - - - -	-	7.25	Augur.
30-Gallon Upright Pressure Boiler, with Stand and Couplings, extra,		-	-	21.50	Abluvion.
40-Gallon Upright Pressure Boiler, with Stand and Couplings, extra,		-	-	24.50	Abnet.

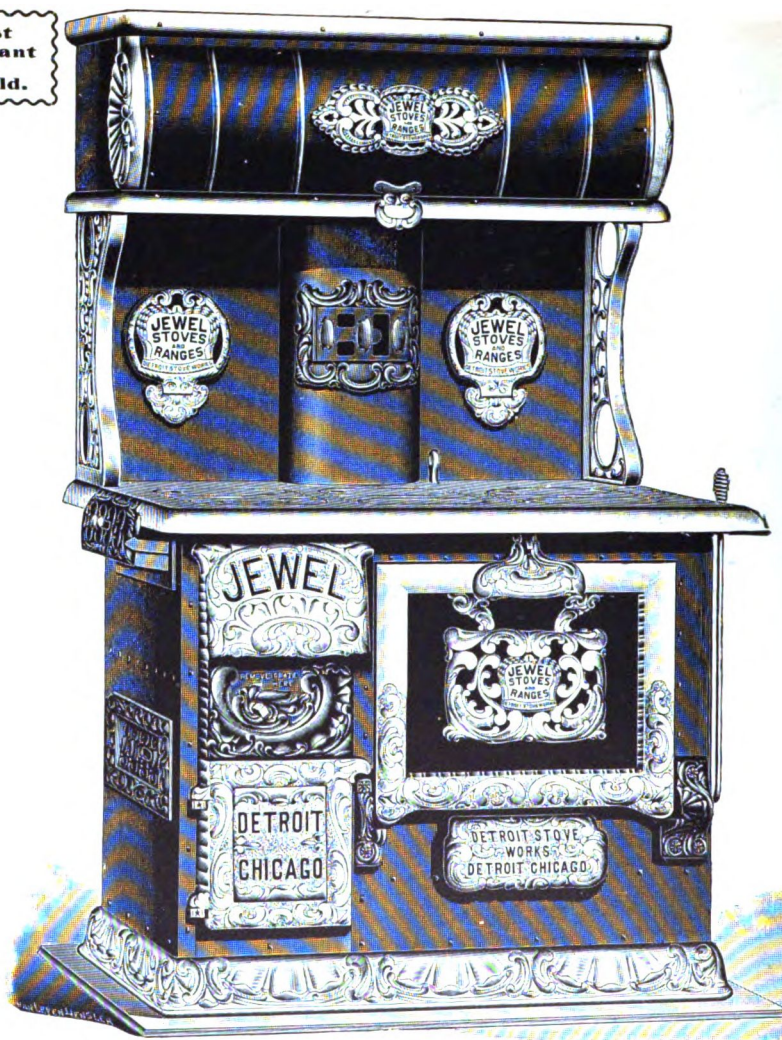
This range, any size, can be furnished to order with **four** instead of **six** holes. Prices as above. Code, Augustine.

For **Top Surface Dimensions** see page 10.

24-inch wood can be used in all of these ranges.

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Largest
Stove Plant
- in -
the World.



Jewel Steel Range.

STYLE E.

Square Range, with Elevated Warming-Closet.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

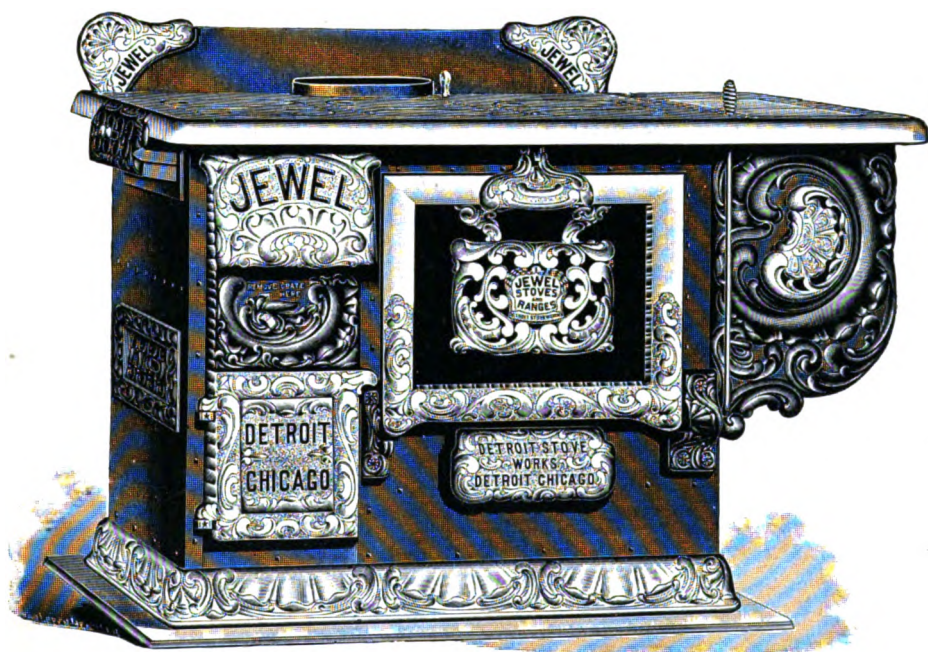
Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
862-16	Six 8-in. holes.	16 x 22½ x 14 in.	505	\$66.25	Avenue.
862-18	" 8 " "	18 x 22½ x 14 "	520	72.25	Aver.
962-18	" 9 " "	18 x 22½ x 14 "	520	73.25	Average.
862-20	" 8 " "	20 x 22½ x 14 "	535	78.25	Averment
962 20	" 9 " "	20 x 22½ x 14 "	535	79.25	Averse.
Water-Front, fitted, extra, all sizes, - - - - -				5.50	Auditory.
Water-Front, separate, all sizes, - - - - -				7.25	Augur.

This range, any size, can be furnished to order with **four** instead of **six** holes. Prices as above. Code, Augustine.

For **Top Surface Dimensions** see page 10.

24-inch wood can be used in all of these ranges.

**Largest
Stove Plant
- in -
the World.** **1899**



Jewel Steel Range.

STYLE B.

With Back Guard and Encased Reservoir.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
862-16	Six 8-in. holes.	16 x 22 1/2 x 14 in.	525	\$66.75	Averting.
862-18	" 8 "	18 x 22 1/2 x 14 "	550	72.75	Avidity.
962-18	" 9 "	18 x 22 1/2 x 14 "	550	73.75	Avocation.
862-20	" 8 "	20 x 22 1/2 x 14 "	560	78.75	Avoid.
962-20	" 9 "	20 x 22 1/2 x 14 "	560	79.75	Avoidable.
Water-Front, fitted, extra, all sizes.		-	-	5.50	Auditory.
Water-Front, separate, all sizes.		-	-	7.25	Augur.
High-Shelf, extra, all sizes.		-	-	8.75	Augury.
High-Closet, extra, all sizes.		-	-	16.25	August.

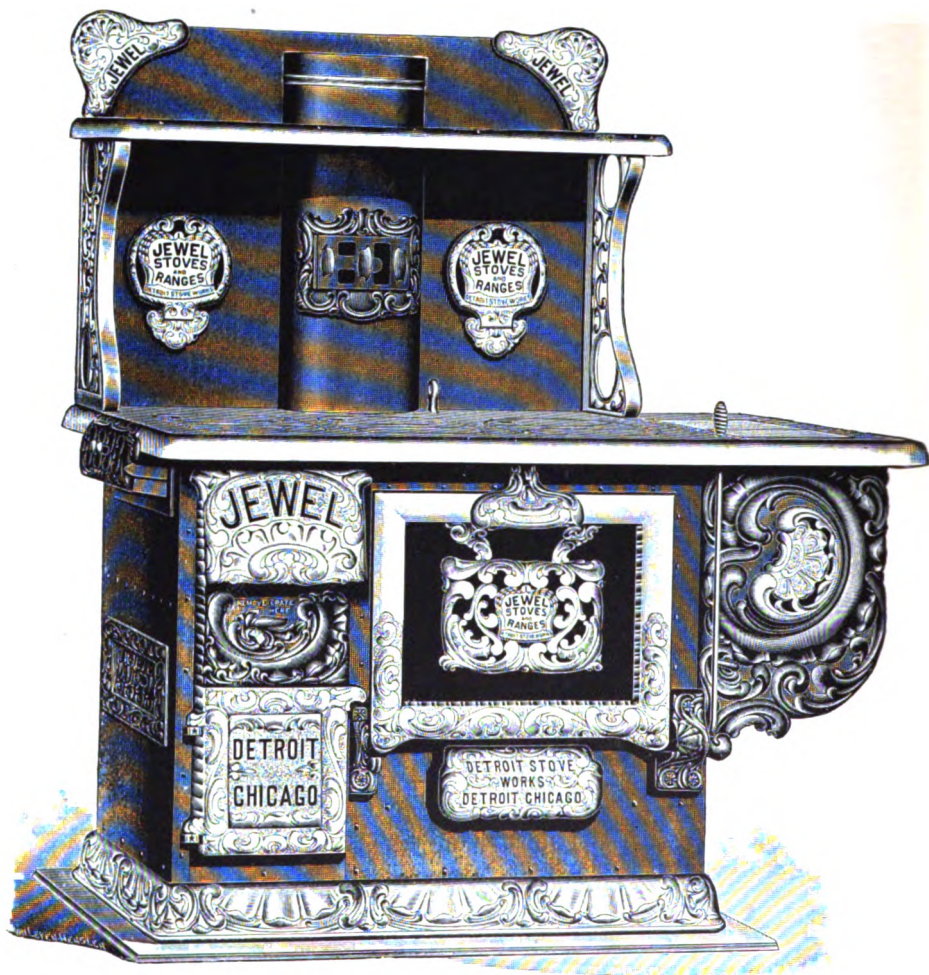
This range, any size, can be furnished to order with **four** instead of **six** holes. Prices as above.
Code, Augustine.

TOP SURFACE DIMENSIONS.

Nos. 862-16,	-	-	-	-	31 x	in.
" 862-18,	-	-	-	-	31	
" 962-18, 862-20, 962-20,	-	-	-	-	31	

24-inch wood can be used in all of these ranges.

1899
Largest
Stove Plant
- in -
the World.



Jewel Steel Range.

STYLE K.

With Encased Reservoir and Elevated-Shelf.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
862-16	Six 8-in. holes.	16 x 22½ x 14 in.	575	\$75.50	Avouch.
862-18	" 8 " "	18 x 22½ x 14 "	600	81.50	Await.
962-18	" 9 " "	18 x 22½ x 14 "	600	82.50	Awakening.
862-20	" 8 " "	20 x 22½ x 14 "	610	87.50	Awarding.
962-20	" 9 " "	20 x 22½ x 14 "	610	88.50	Aware.
Water-Front, fitted, extra, all sizes,				5.50	Auditory.
Water-Front, separate, all sizes,				7.25	Augur.

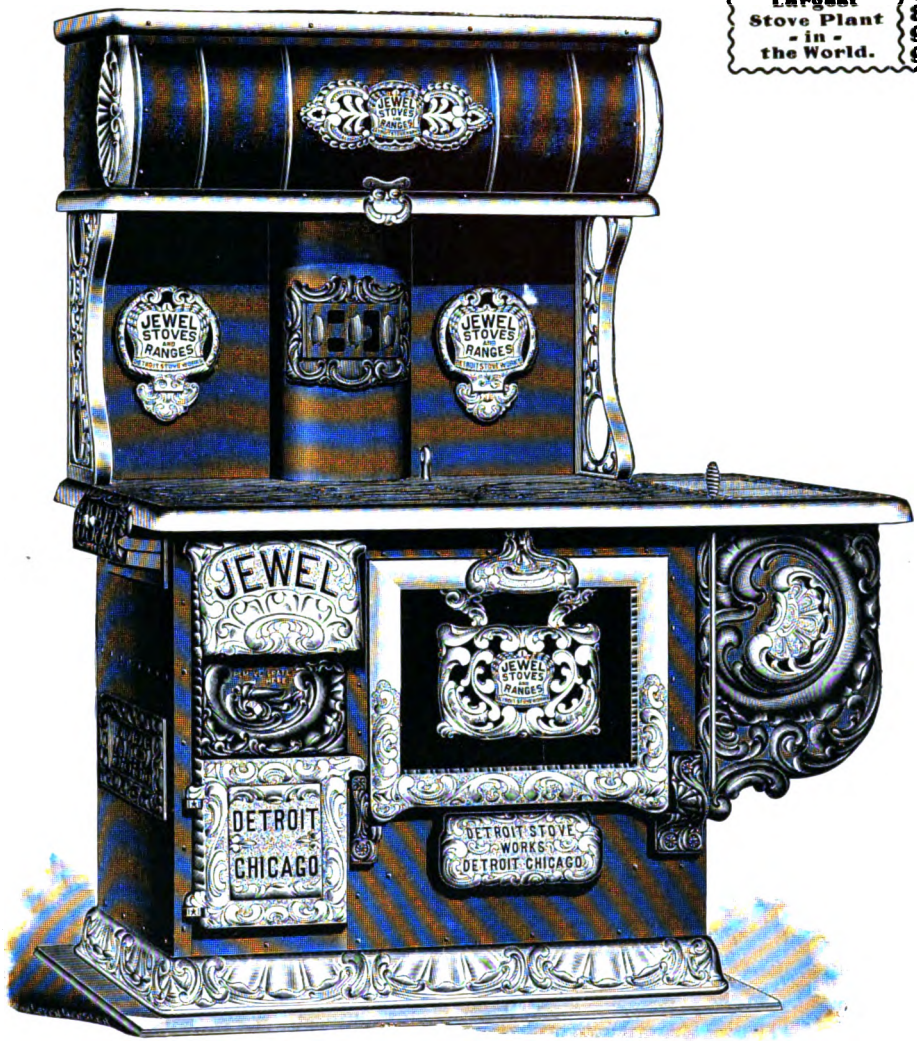
This range, any size, can be furnished to order with four instead of six holes. Prices as above.
 Code, Augustine.

For Top Surface Dimensions, see page

24-inch wood can be used in all of

**Largest
Stove Plant
- in -
the World.**

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Jewel Steel Range.

STYLE F.

With Reservoir and Elevated Warming-Closet.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
862-16	Six 8-in. holes.	16 x 22½ x 14 in.	600	\$83.00	Awhile.
862-18	" 8 " "	18 x 22½ x 14 "	625	89.00	Awning.
962-18	" 9 " "	18 x 22½ x 14 "	625	90.00	Axiom.
862-20	" 8 " "	20 x 22½ x 14 "	635	95.00	Axle.
962-20	" 9 " "	20 x 22½ x 14 "	635	96.00	Azure.
Water-Front, fitted, extra, all sizes,				5.50	Auditory.
Water-Front, separate, all sizes,				7.25	Augur.

This range, any size, can be furnished to order with **four** instead of **six** holes. Prices as above. Code, Augustine.

For Top Surface Dimensions, see page 13.

24-inch wood can be used in all of these ranges.



Jewel Steel Range.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Japaned Series.

The Handsomest and Best Low-Priced Steel Range.

Compactly built; operated **entirely from the front.**

Body made of **best** open-hearth process, cold rolled steel of proper weight; ends interlined with **asbestos** to prevent radiation of unnecessary heat into the kitchen, and to economize fuel.

Quick-baking Oven, heated with a **minimum of fuel**; well protected by cast plates. Steel Wire Oven-Rack; strong, light, and always clean.

Dean Patent Oven-Bottom; sectional, to obviate warping.

Poised Oven-Door; falls to horizontal position **without jar**; perfectly smooth inner surface.

Heavy, durable Fire-Box Linings.

Duplex Grate for hard or soft coal; when reversed, forms a good wood fire-bottom; grate easily removed through grate opening without disturbing linings.

No Grate Frames to warp or break.

Special Wood Fire-Box Fixtures, if ordered, to take the place of Coal Fixtures.

Fire-Box Extension at rear, for wood, on every range; falling Fire-Box Door, with guards on sides; Draft-Slide full length of fire-box, on end of range.

Large, hinged Clean-Out Door.

Full size Ash-Pan.



Jewel Cover in Ring Sections.

Heavy, solid Covers, one made in ring sections for reducing size of hole; heavy Centers; cut Long Center.

Vertical Damper; easy to operate; handle removed from reach of flames.

Encased Reservoir, with illuminated enameled lids; top flush with top of range; Flue-Shift- ing Reservoir Damper.

Top-Plate cast in sections, to obviate warping.

One joint of Pipe, with check damper.

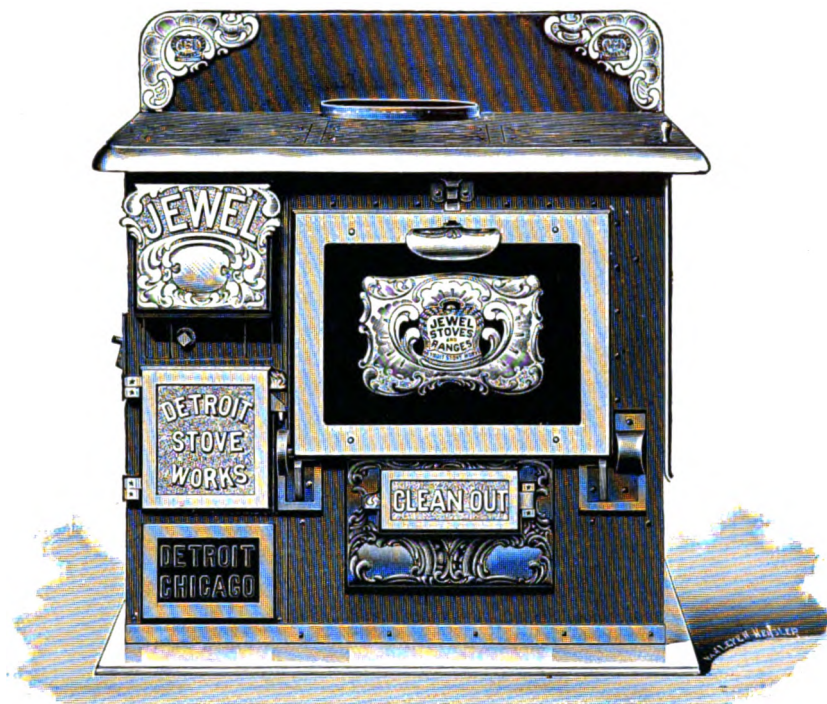
Roomy High-Closet, with rolling front; very convenient High-Shelf. High-Shelf and High-Closet provided with two convenient Corner Shelves.

Nickeled Parts as Follows:

Plate on fire-door; Panels on oven-door, reservoir check, and rolling front of high-closet; Ash-Door; Clean-Out Door; burnished Bands on edge of top-plate, high-closet, and high-shelf; Corner Shelves in high-closet and high-shelf; Oven-Door Frame; Handles of high-closet and oven-door; Towel Rod; Corner Pieces on high-closet; Corner Plates on high-shelf.

**Largest
Stove Plant
- in -
the World.**

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Jewel Steel Range.

STYLE A.

Square, with Back Guard.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

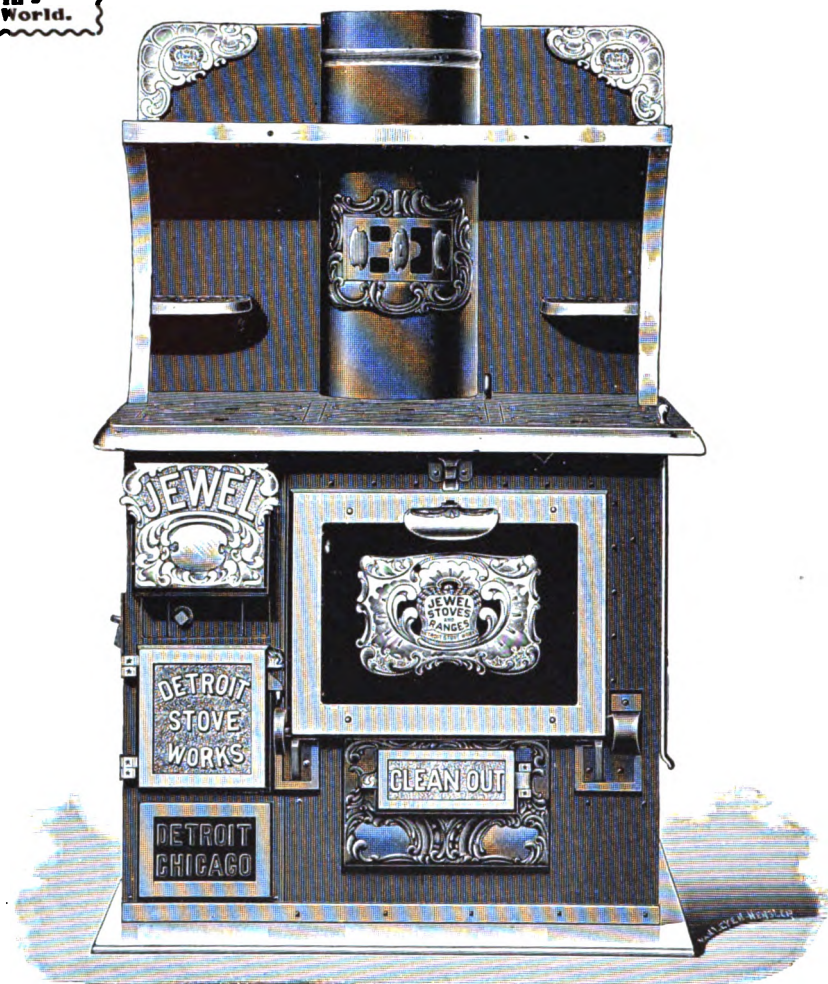
Nos.			OVENS.	WEIGHTS.	LIST.	CODE.
88-16	Six	8-in. holes.	16 x 20 x 12½ in.	315	\$42.00	Assuage.
88-18	"	8 " "	18 x 21 x 12½ "	335	46.75	Assume.
98-18	"	9 " "	18 x 21 x 12½ "	340	47.75	Assumption.
87-14	Four	8 " "	14 x 20 x 12½ "	300	37.25	Assist.
87-16	"	8 " "	16 x 20 x 12½ "	310	42.00	Assistant.
87-18	"	8 " "	18 x 21 x 12½ "	330	46.75	Associate.
97-18	"	9 " "	18 x 21 x 12½ "	335	47.75	Association.
Water-Front, fitted, extra, all sizes,			-	-	5.50	Antler.
Water-Front, separate, all sizes,			-	-	7.25	Anvil.
High-Shelf, extra, all sizes,			-	-	7.00	Abash.
High-Closet, extra, all sizes,			-	-	11.50	Abate.

TOP SURFACE DIMENSIONS.

Nos.	87-14,	-	-	-	-	-	27½ x 28	inches.
"	87-16,	88-16,	-	-	-	-	27½ x 30½	"
"	87-18,	97-18,	88-18,	-	-	-	28½ x 32	"
"	98-18,	-	-	-	-	-	28½ x 34	"

24-inch wood can be used in all of these ranges.

1899
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Jewel Steel Range.

STYLE I.

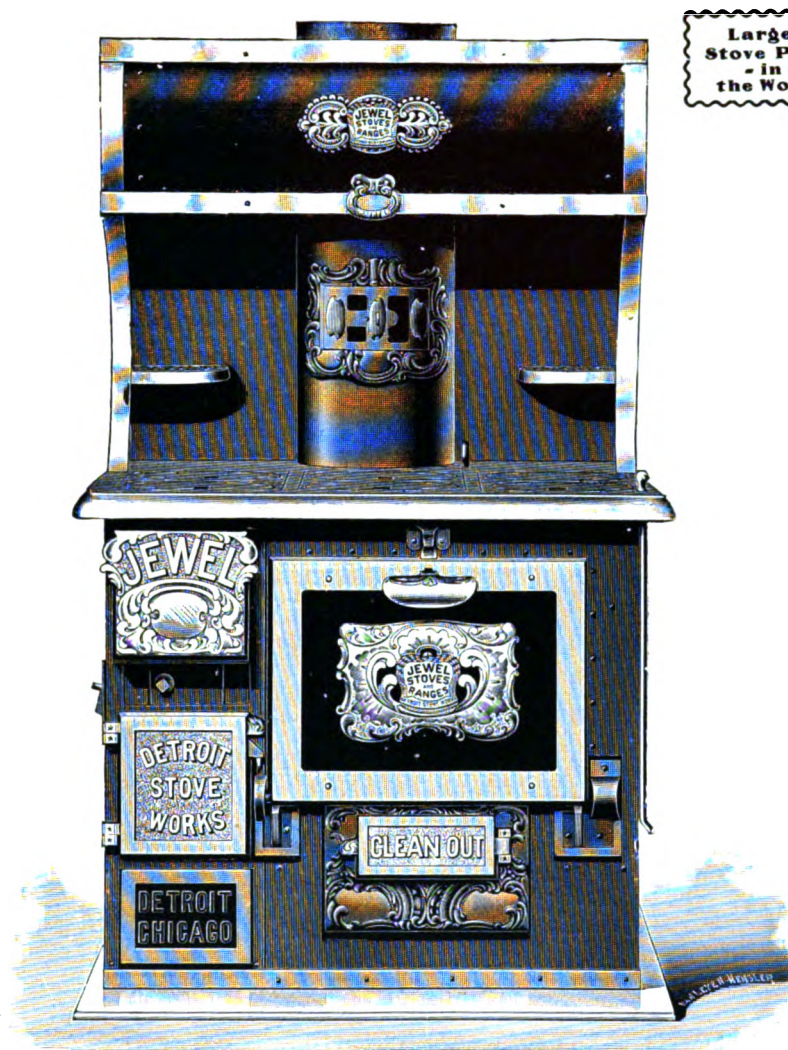
Square, with Elevated-Shelf.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Nos.			OVENS.	WEIGHTS.	LIST.	CODE.
68-16	Six	8-in. holes.	16 x 20 x 12½ in.	350	\$49.00	Anteroom.
68-18	"	8 " "	18 x 21 x 12½ "	370	53.75	Anthem.
93-18	"	9 " "	18 x 21 x 12½ "	375	54.75	Anthology.
87-14	Four	8 " "	14 x 20 x 12½ "	335	44.25	Antediluvian.
87-16	"	8 " "	16 x 20 x 12½ "	345	49.00	Antelope.
87-18	"	8 " "	18 x 21 x 12½ "	365	53.75	Assurance.
97-18	"	9 " "	18 x 21 x 12½ "	370	54.75	Assure.
Water-Front, fitted, extra, all sizes,			- - - - -	- - - - -	5.50	Antler.
Water-Front, separate, all sizes,			- - - - -	- - - - -	7.25	Anvil.

For Top Surface Dimensions, see page 17.

24-inch wood can be used in all of these ranges.



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Jewel Steel Range. **STYLE E.**

Square, with Elevated Warming-Closet.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Nos			Ovens.	WEIGHTS.	LIST.	CODE.
83-16	Six	8-in. holes.	16 x 20 x 12½ in.	360	\$53.50	Antipathy.
88-18	"	8 " "	18 x 21 x 12½ "	380	58.25	Antiquarian.
98-18	"	9 " "	18 x 21 x 12½ "	385	59.25	Antiquity.
87-14	Four	8 " "	14 x 20 x 12½ "	345	48.75	Anticipation.
87-16	"	8 " "	16 x 20 x 12½ "	355	53.50	Antidote.
87-18	"	8 " "	18 x 21 x 12½ "	375	58.25	Assyrian.
97-18	"	9 " "	18 x 21 x 12½ "	380	59.25	Aster.
Water-Front, fitted, extra, all sizes,					5.50	Antler.
Water-Front, separate, all sizes,					7.25	Anvil.

For Top Surface Dimensions, see page 17.

24-inch wood can be used in all of these ranges.

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Jewel Steel Range.

STYLE B.

With Encased Reservoir and Back Guard.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

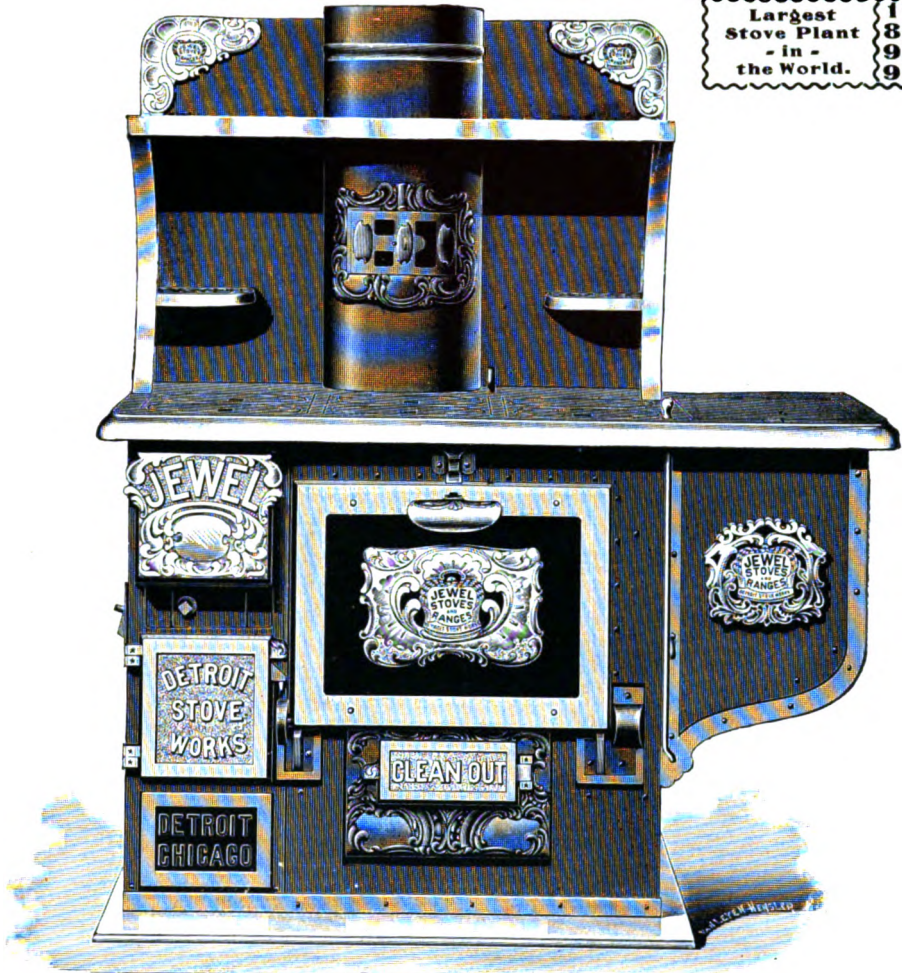
Nos.			OVENS.	WEIGHTS.	List	CODE.
88-16	Six	3-in. holes.	16 x 20 x 12½ in.	375	\$4.25	Attribute.
88-18	"	8 "	18 x 21 x 12½ "	405	59.00	Attribution.
98-18	"	9 "	18 x 21 x 12½ "	410	60.00	Attrition.
87-14	Four	8 "	14 x 20 x 12½ "	360	49.50	Attire.
87-16	"	8 "	16 x 20 x 12½ "	370	54.25	Attitude.
87-18	"	8 "	18 x 21 x 12½ "	400	59.00	Attorney.
97-18	"	9 "	18 x 21 x 12½ "	405	60.00	Attract.
Water-Front, fitted, extra, all sizes,			-	-	5.50	Antler.
Water-Front, separate, all sizes,			-	-	7.25	Anvil.
High Shelf, extra, all sizes,			-	-	7.00	Abash.
High-Closet, extra, all sizes,			-	-	11.50	Abate.

TOP SURFACE DIMENSIONS.

Nos.	87-14,	-	-	-	-	27½ x 39 inches.
"	87-16,	88-16,	-	-	-	27½ x 41 "
"	87-18,	97-18,	88-18,	-	-	28½ x 43 "
"	98-18,	-	-	-	-	28½ x 45 "

24-inch wood can be used in all of these ranges.

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Jewel Steel Range.

STYLE K.

With Encased Reservoir and Elevated-Shelf.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code
88-16	Six 8-in. holes.	16 x 20 x 12½ in.	410	\$61.25	Apathy.
88-18	" 8 " "	18 x 21 x 12½ "	430	66.00	Aperture.
98-18	" 9 " "	18 x 21 x 12½ "	435	67.00	Apex.
87-14	Four 8 " "	14 x 20 x 12½ "	395	56.50	Apart.
87-16	" 8 " "	16 x 20 x 12½ "	405	61.25	Apartment.
87-18	" 8 " "	18 x 21 x 12½ "	425	66.00	Auburn.
97-18	" 9 " "	18 x 21 x 12½ "	430	67.00	Auction.
Water-Front, fitted, extra, all sizes,			-	5.50	Antler.
Water-Front, separate, all sizes,			-	7.25	Anvil.

For Top Surface Dimensions see page 20.

24-inch wood can be used in all of these ranges.



Jewel Steel Ranges.

For Hotels, Boarding Houses, Etc.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Double Oven Range, with Single Fire-Box, Nos. 8-14-14 and 9-14-14.

Best open hearth process, cold-rolled steel Body, extra heavy, interlined with asbestos; poised Oven-Doors, held in horizontal position by supporting braces—will bear weight of heavy man without breaking; range amply provided with dampers; ventilated Ovens, with Dean Patent Sectional Bottoms; oval Fire-Pot, with draw-center shaking-grate or duplex grate, as ordered; Coal fire-box easily converted into Wood fire-box; Key-Plate Top, which permits 8-inch covers to be substituted for 9-inch, or vice versa; French Top in place of 8-lid top, when ordered; attractive and convenient High-Shelf or High-Closet; all parts of the range **extra heavy**.

Sectional Range (Double, Triple or Quadruple Ovens, Etc.), Nos. 8-22 and 9-22

Best open hearth process, cold-rolled steel Body, extra heavy, interlined with asbestos; poised Oven Doors, held in horizontal position by supporting braces—will bear weight of heavy man without breaking; convenient High-Shelf; roomy Low Closets; oval Fire-Pot, with draw-center shaking grate or duplex grate, as ordered; Coal fire-pot easily converted into Wood fire-pot; hopper Feed-Door; large ovens, with Dean Patent Sectional Bottoms; Ovens well ventilated; each section of the range operated independently of the other section or sections; all parts of the range **extra heavy**.

Sectional Range (Double, Triple or Quadruple Ovens, Etc.), No. 90-22

Best open hearth process, cold-rolled steel Body, extra heavy, interlined with asbestos; poised Oven-Doors, held in horizontal position by supporting braces—will bear weight of heavy man without breaking; convenient High-Shelf; roomy Low-Closets; oval Fire-Pot with duplex grate; large Ovens, with Dean Patent Sectional Bottoms; ovens well ventilated; each section of the range operated independently of the other section or sections; very heavy French Top; all parts of the range **extra heavy and durable**.

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9** Largest
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Jewel Steel Range.

WITH DOUBLE OVEN.

SINGLE FIRE-BOX.

Each Oven 14 x 13 x 22½ inches.

FOR HARD COAL, SOFT COAL, COKE, OR WOOD.

Nos.			WEIGHTS.	LIST.	CODE.
8-14-14.	Eight 8-inch holes,	Style II (with high-shelf),	725	\$144.00	Absent.
8-14-14.	Eight 8-inch holes,	Style EE (with high-closet),	745	159.00	Absolute.
9-14-14.	Eight 9-inch holes,	Style II (with high-shelf),	730	147.00	Absolvable.
9-14-14.	Eight 9-inch holes,	Style EE (with high-closet),	750	162.00	Absolvatory.
Add for 22-Gallon Copper Water Tank,				27.00	Attic.
" 30 "	" " " " " " " "	" " " " " " " "	" " " " " " " "	35.00	Abbey.
" 22 "	Gal. Iron " " " " " "	" " " " " " " "	" " " " " " " "	15.00	Abide.
" 30 "	" " " " " " " "	" " " " " " " "	" " " " " " " "	20.00	Ability.
" "	12-inch Charcoal Broiler,	" " " " " " " "	" " " " " " " "	19.00	Abject.
Wood Grate, extra,				.....	Abasement.

Above list prices include a Water-Front.

Top cooking surface, 31 x 51 inches.

For full description see preceding page.

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Jewel Steel Range.

STYLE II.—DOUBLE OR TRIPLE OVENS AND FIRE-BOXES.

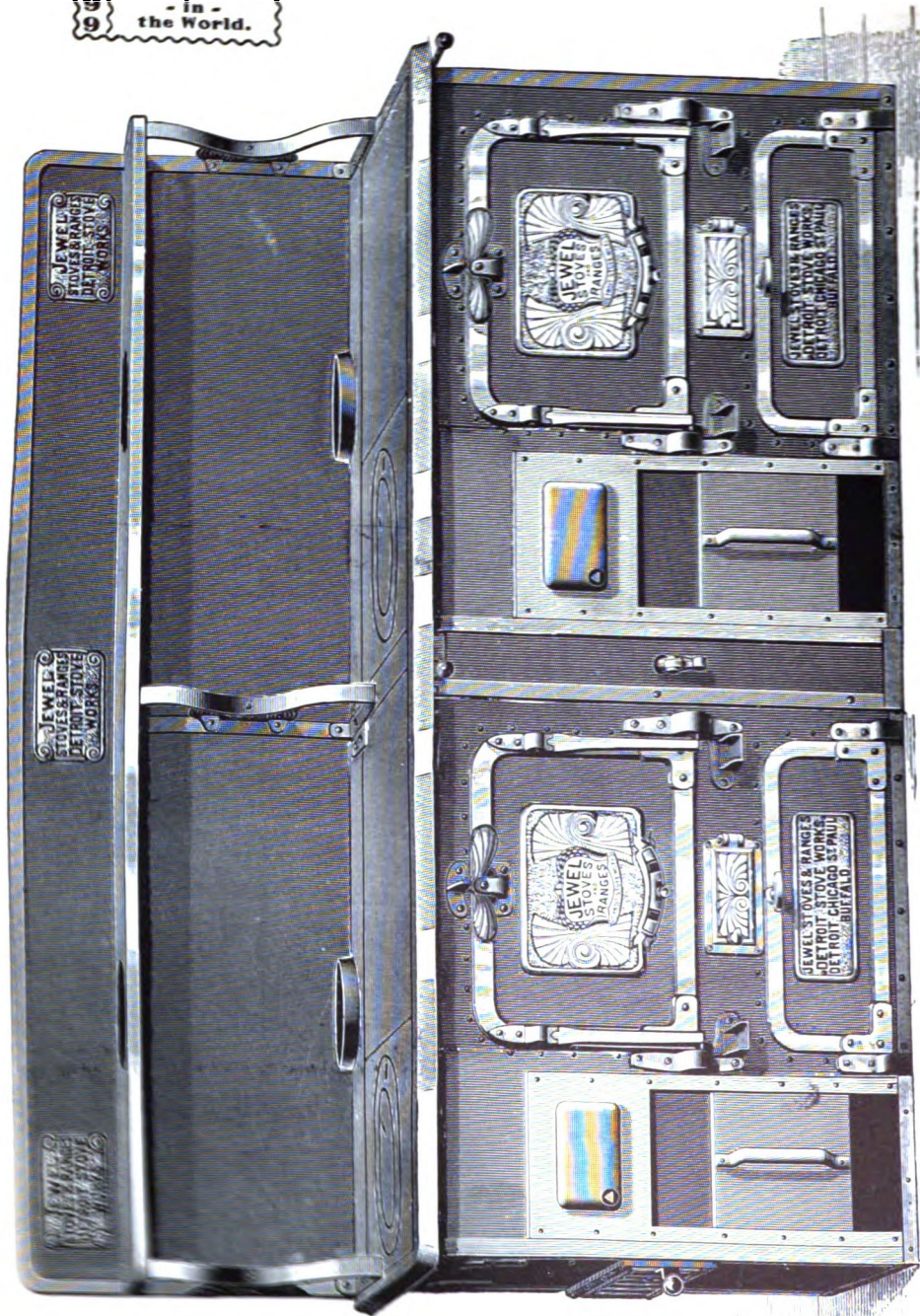
Nos.			OVENS, EACH.	TOP SURFACE.	WEIGHTS.	LIST.	CODE.
8-22	Twelve	8-inch holes.	2, 22 x 22½ in.	2 feet 9 x 6 feet 10.	1205	\$227.00	Absorbent.
9-22	'	9 " "	2, 22 x 22½ "	2 " 9 x 6 " 10.	1205	231.00	Absorption.
9-22	Eighteen	9 " "	3, 22 x 22½ "	2 " 9 x 10 " 3.	1810	351.50	Abstain.

Above list prices include one Water-Front.

Double and Triple Steel Ranges.—The Jewel Steel Range Nos. 8-22 and 9-22 may be had in two, three, four or more sections, to meet the requirements of establishments where much cooking is done. The fire-box and oven of each section of a Jewel Sectional Steel Range are operated independently, thus obviating the necessity of heating two or more ovens when only one is in use.

For fuller description, see page 23.

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Jewel Steel Range.

Double, Triple, or Quadruple.

STYLE II.

Nos.	Double; Triple; Quadruple;	2 Fire-Boxes, " " " "	2 Ovens, each, " " " " " "	22 x 22 1/2; 22 x 22 1/2; 22 x 22 1/2;	Top Surface, 2 feet 9 x 6 feet 10, " " " " " "	WEIGHTS. 1215 1825 3160	LIST. \$231.00 351.50 572.00	CODR. Abstract. Aluminum.
90 22								
90 22								
90 22								

Double, Triple, and Quadruple Steel Ranges.—The range shown on this page may be had in one, two, or more sections. Built extra heavy and durable, for continuous service in large hotels, restaurants, homes, or public institutions. Each section of the range is complete in itself, and may be used independently of the other section or sections. For fuller description, see page 23.

**Largest
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No. 24.

Jewel Steel Broiler.

FOR CHARCOAL.

No		LIST.	CODE.
24	Width of broiler grate, 24 inches, - - -	\$63.00	Alliance.
	Weight, - - -	-	275 lbs.

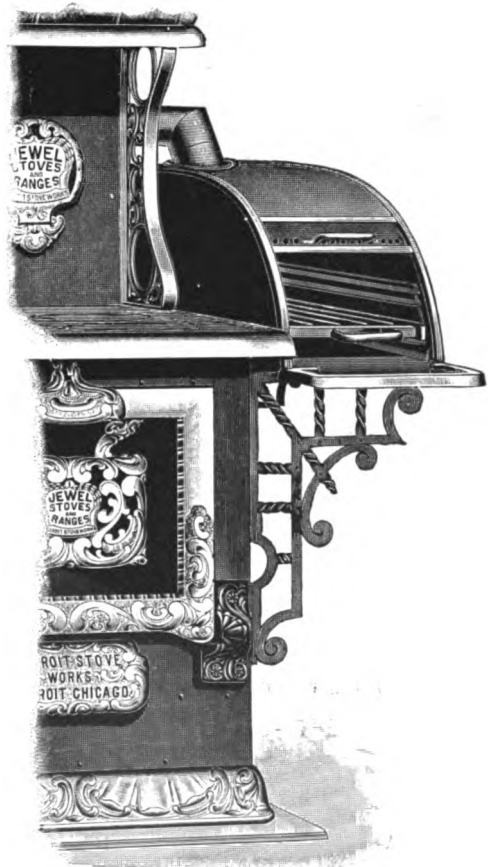
Extra heavy throughout; built specially for use in Hotels, Boarding Houses, etc.

Jewel Steel Broiler.

FOR CHARCOAL.

No.		LIST.	CODE.
12	Broiler and brackets complete,	\$19.00	Abdicate.
	Weight, including brackets,	75 lbs.	
	Width, 12 inches.		

A heavy and durable broiler; may be attached to any of the steel ranges shown in this catalogue.



No. 12.



Merit Jewel Range.

Twelve Styles and Three Sizes.

FOR HARD COAL, SOFT COAL, OR WOOD.

The Best Cast Range Manufactured.

Oval fire-box, **obviating dead corners.**

Extra heavy durable Fire-box linings; iron,
for soft coal; iron or brick, for hard coal.

Draw-Center grate for soft coal.

Duplex or Draw-Center grate for hard coal;
duplex grate, when reversed, makes a good
wood fire bottom.

When ordered, Special Wood Grate, which in-
terlocks with Draw-Center grate.

Grate easily removed without disturbing the
linings.

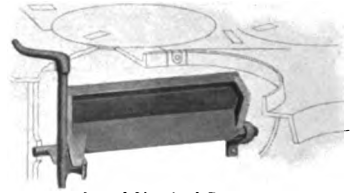
High Oven, exceptionally broad at top as well
as bottom; **well ventilated.**

Large Oven-Rack, made of steel wire; **light,
durable, always clean.**

Oven-Plates skillfully fitted; top Oven-Plates
covered with **cement.**

Oven-Door tin-lined.

Direct-Draft Vertical Damper; easily operated;
handle removed from reach of flames.



Jewel Vertical Damper.

Large Draw-Hearth, which slides out full size.

Extra large and deep bailed Ash-Pan.

Large hinged Flue-Door.

Sheet Flue Construction that insures **quick and
even heating** of all parts of the oven.

Extra heavy Jewel Covers, one made in reduc-
ing rings; extra thick Centers; cut Long
Center.

Top Plate **cast in sections**, to obviate cracking.
Very convenient and attractive High-Closet and
High-Shelf.

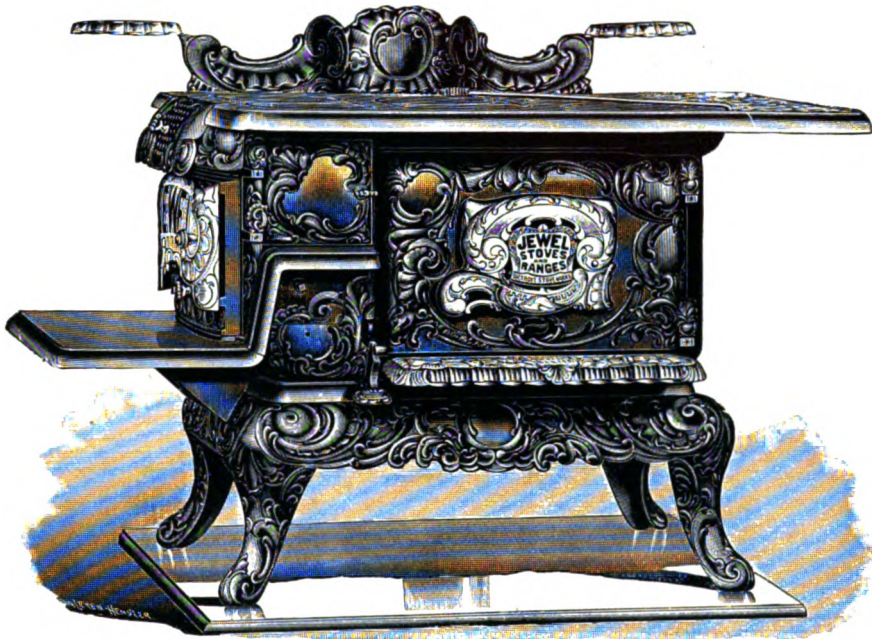
White enameled Reservoir, with illuminated
cover; reservoir top flush with top of range.

Flue-Shifting Reservoir Damper.

Nickeled Parts as Follows:

Oven-Door Panel; Front-Door Plate; High-Closet and Low-Closet
Panels; Panel on check of reservoir; two Swinging Teapot Shelves; burnished
Edge Band on high-shelf and high closet; burnished Edge Band on top-
plate; Outside Oven-Shelf; Towel Rod, Etc.

Largest
Stove Plant
- in -
the World. 1899



Merit Jewel Range.

STYLE A.

Square, with T-Shelf and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

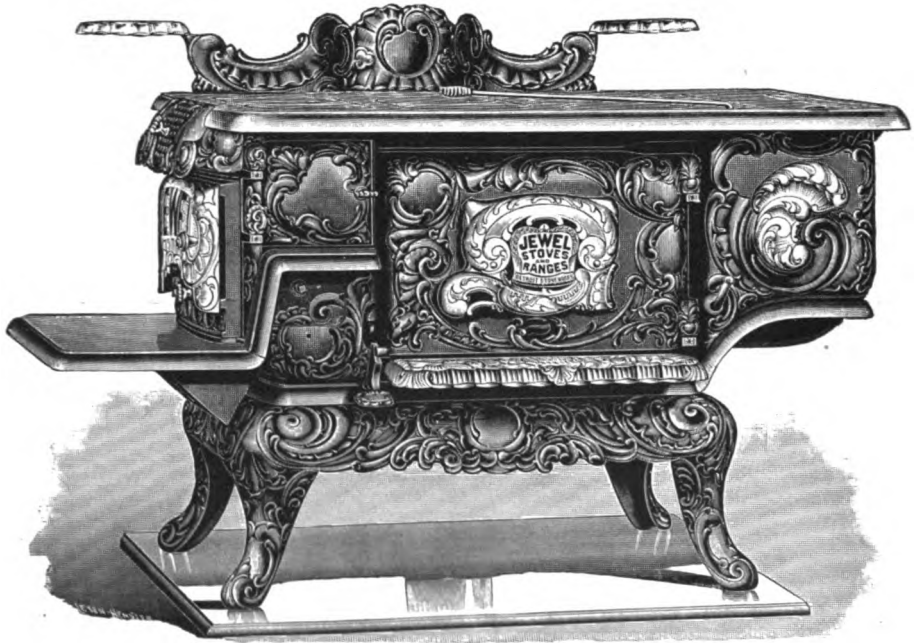
Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
8-19	Six 8-inch holes,	19 x 19 in.,	400	\$49 25	Beaver.
8-21	" 8 " "	21 x 21 "	445	55.00	Becalm.
9-21	" 9 " "	21 x 21 "	445	56.00	Beck.
Water-Front, any size, extra,		-	-	5.50	Beckon.
Water-Front Couplings, brass, extra,		-	-	1.75	Bevy.
19-inch Low-Closet, extra,		-	-	11.50	Beetle.
21-inch Low-Closet, extra,		-	-	12.00	Befall.
High-Shelf, extra,		-	-	7.00	Bid.
High-Closet, extra,		-	-	14.00	Bidder.

The above numbers and code words designate the range when it is provided with a **Draw-Center Grate**.

The following numbers and code words designate the range when it is provided with a **Duplex Grate**:

Nos.	81-19.	81-21.	91-21.
Code.	Beguiling.	Behave.	Behavior.

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Merit Jewel Range.

STYLE B.

With Reservoir and T-Shelf.

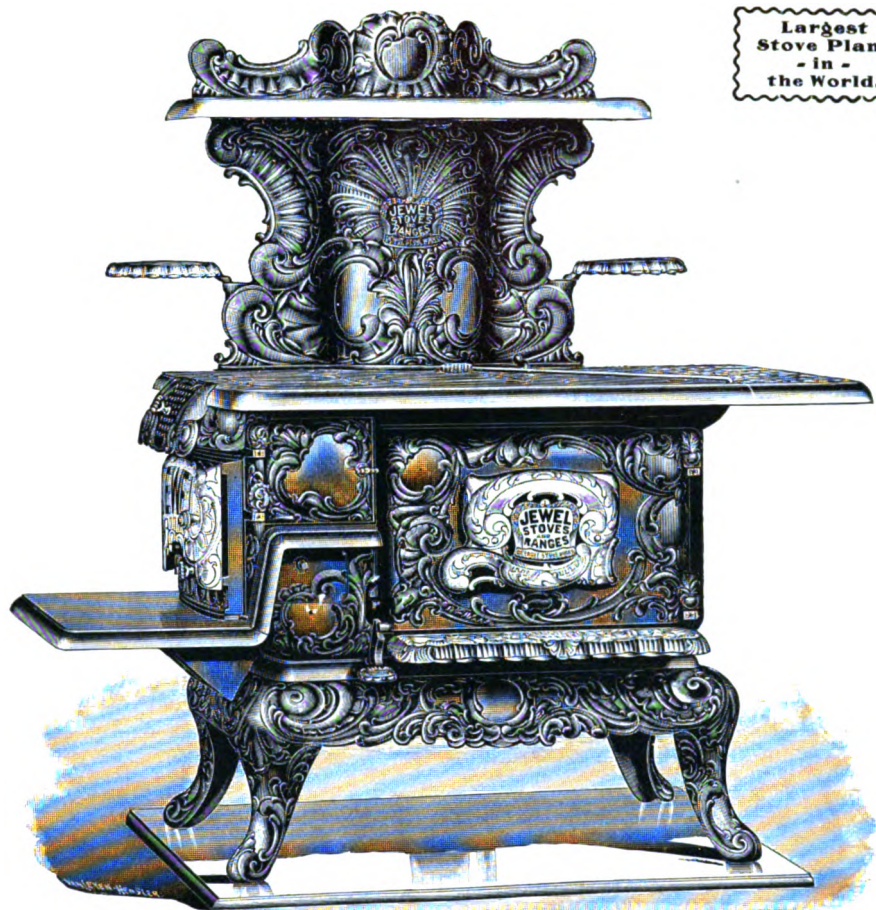
FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		OVENS.	WRIGHTS.	LIST.	CODE.
8-19	Six 8-inch holes,	19 x 19 in.	470	\$62.75	Beholder.
8-21	" 8 " "	21 x 21 "	520	68.50	Behoof.
9-21	" 9 " "	21 x 21 "	520	69.50	Belabor.
19-inch Low-Closet, extra,	-	-	-	11.50	Beetle.
21-inch Low-Closet, extra,	-	-	-	12.00	Befall.
High-Shelf, extra,	-	-	-	7.00	Bid.
High-Closet, extra,	-	-	-	14.00	Bidder.

The above numbers and code words designate the range when it is provided with a **Draw-Center Grate**.

The following numbers and code words designate the range when it is provided with a **Duplex Grate**:

Nos.	81-10	81-21.	91-21.
Code.	Belgian.	Belgrayian.	Relief.



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Merit Jewel Range.

STYLE I.

Square, with High-Shelf and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
8-19	Six 8-inch holes.	19 x 19 in.	430	\$56.25	Belle.
8-21	" 8 " "	21 x 21 "	475	62.00	Bellicose.
9-21	" 9 " "	21 x 21 "	475	63.00	Belligerent.
Water-Front, any size, extra, - - - - -		- - - - -	- - - - -	5.50	Beckon.
Water-Front Couplings, brass, extra, - - - - -		- - - - -	- - - - -	1.75	Bevy.
19-inch Low-Closet, extra, - - - - -		- - - - -	- - - - -	11.50	Beetle.
21-inch Low-Closet, extra, - - - - -		- - - - -	- - - - -	12.00	Befall.

The above numbers and code words designate the range when it is provided with a **Draw-Center Grate**.

The following numbers and code words designate the range when it is provided with a **Duplex Grate**:

Nos.	81-19.	81-21.	91-21.
Code.	Bellows.	Belong.	Belonging.

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Merit Jewel Range.

STYLE K.

With Reservoir and High-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

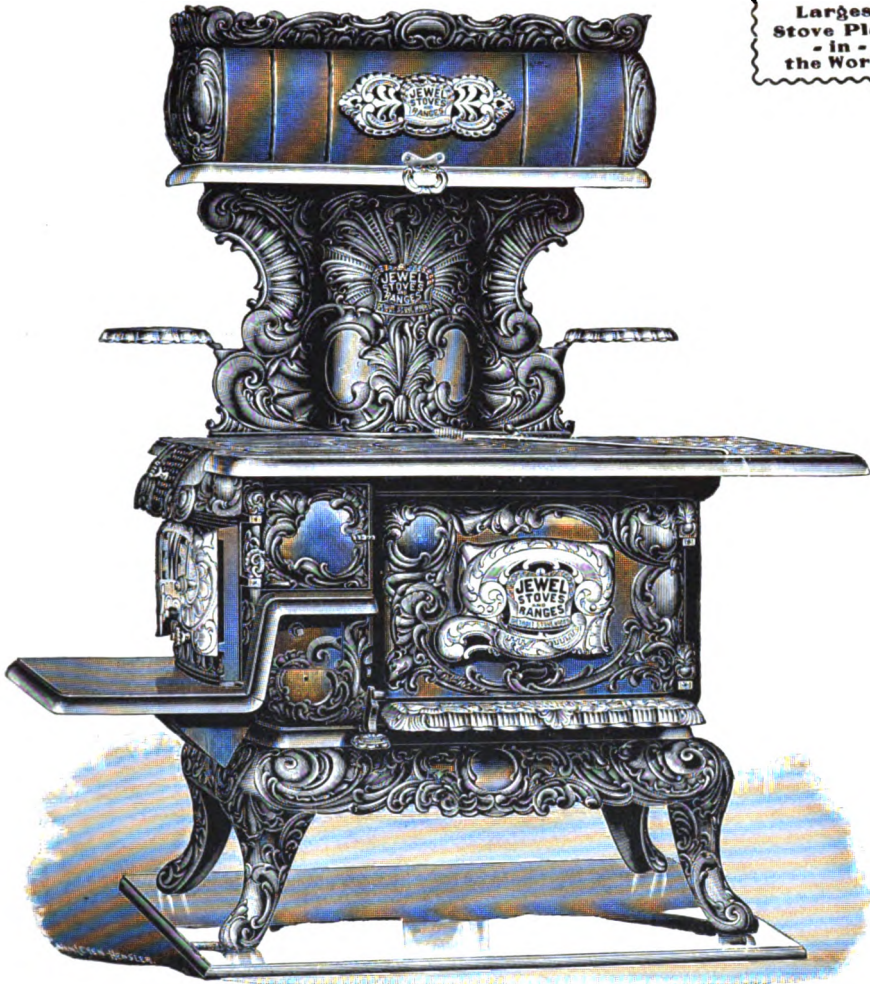
Nos.		Ovens.	Weights.	List.	Code
8-19	Six 8-inch holes,	19 x 19 in.	500	\$69.75	Belting.
8-21	" 8 " "	21 x 21 "	550	75 50	Belvedere.
9-21	" 9 " "	21 x 21 "	550	76.50	Bench.
19 inch Low-Closet, extra.		- - - - -	- - - - -	11.50	Beetle.
21-inch Low-Closet, extra.		- - - - -	- - - - -	12.00	Befall.

The above numbers and code words designate the range when it is provided with a **Draw-Center Grate**.

The following numbers and code words designate the range when it is provided with a **Duplex Grate**:

Nos.	81-19.	81-21.	91-21.
Code.	Beneath.	Benedict.	Benediction.

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- in -
the World. 1899



Merit Jewel Range.

STYLE E.

Square, with High-Closet and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

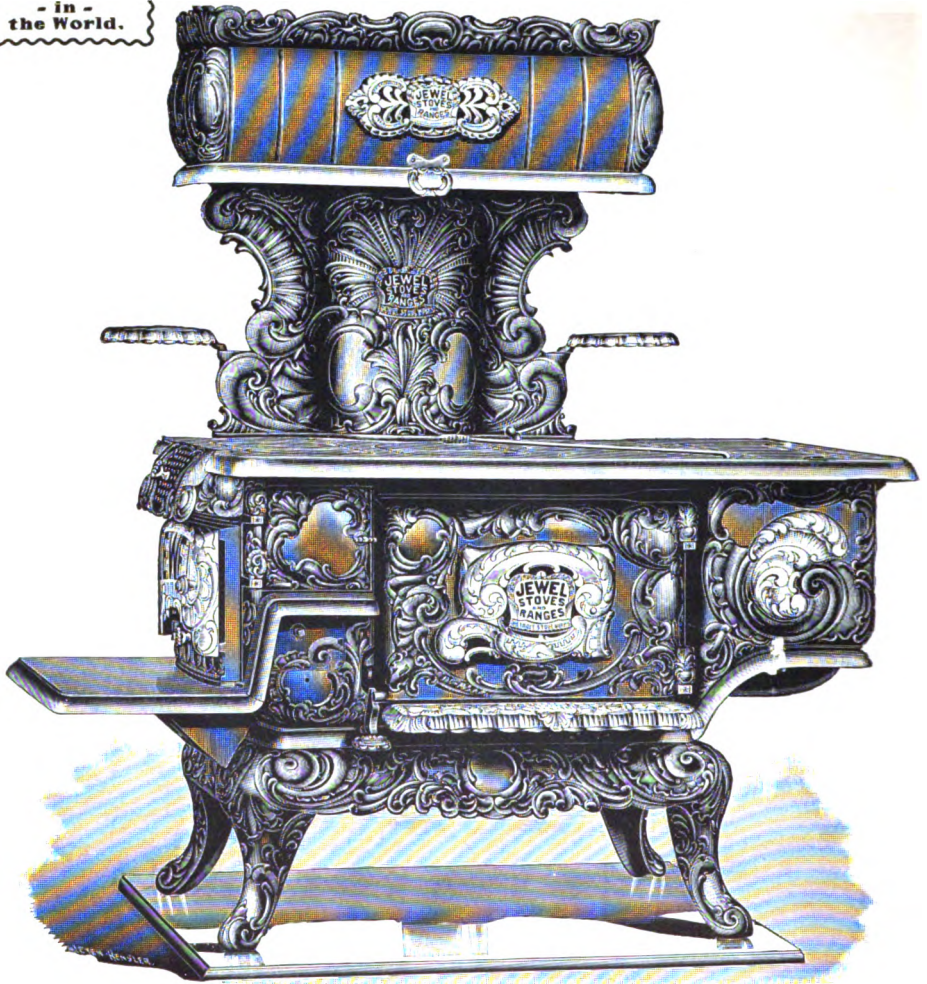
Nos.		Ovens.	Weights.	List.	Code.
8-19	Six 8-inch holes,	19 X 19 in.	505	\$63.25	Benefactor.
8-21	" 8 " "	21 X 21 "	550	69.00	Beneficent.
9-21	" 9 " "	21 X 21 "	550	70.00	Benefit.
Water-Front, any size, extra,		-	-	5.50	Beckon.
Water-Front Couplings, brass, extra,		-	-	1.75	Bevy.
19-inch Low-Closet, extra,		-	-	11.50	Beetle.
21-inch Low-Closet, extra,		-	-	12.00	Befall.

The above numbers and code words designate the range with a **Draw-Center Grate**.

The following numbers and code words designate the range with a **Duplex Grate**:

Nos.	81-19.	81-21.	91-21.
Code.	Bengal.	Benign.	Benignant.

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Largest
Stove Plant
- in -
the World.



Merit Jewel Range.

STYLE F.

With High-Closet and Reservoir.

FOR HARD COAL, SOFT COAL, OR WOOD.

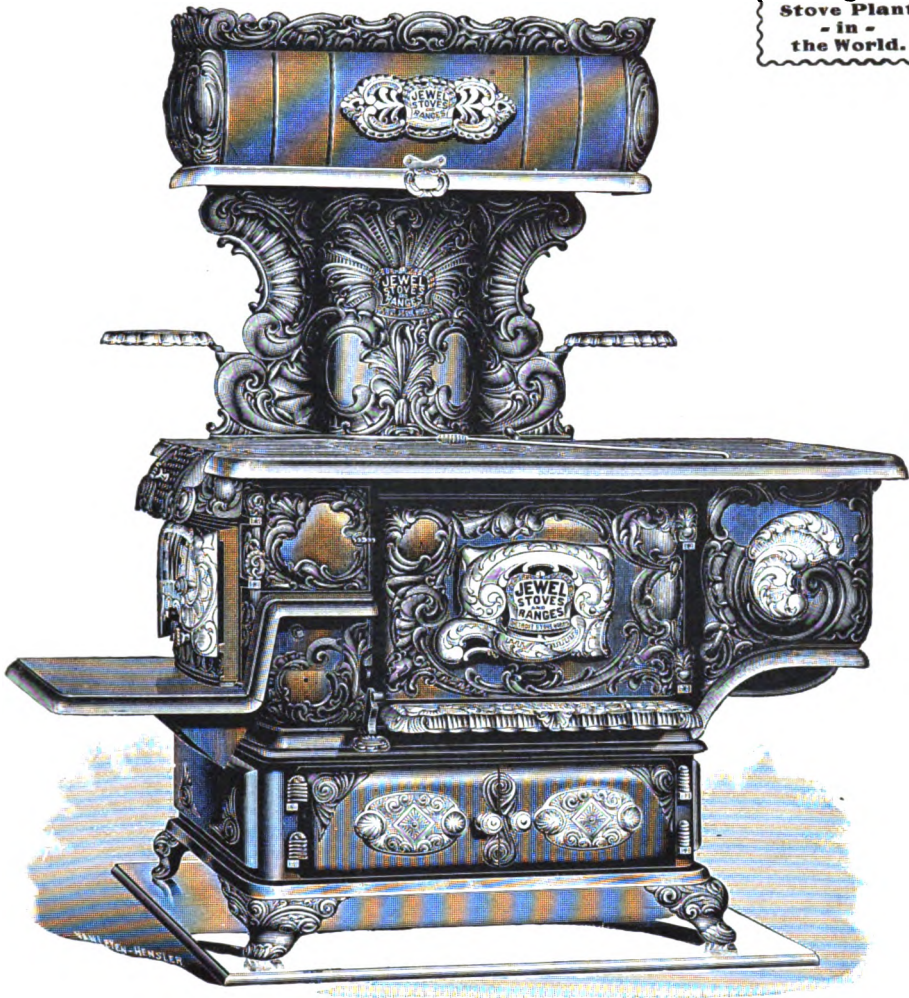
Nos.		Ovens.	Weights.	List.	Code.
8-19	Six 8-inch holes.	19 x 19 in.	575	\$76.75	Benumb.
8-21	" 8 " "	21 x 21 "	625	82.50	Bequeath.
9-21	" 9 " "	21 x 21 "	625	83.50	Bequest.

The above numbers and code words designate the range when it is provided with a **Draw-Center Grate**.

The following numbers and code words designate the range when it is provided with a **Duplex Grate**:

Nos.	81-19	81-21	91-21
Code	Berkshire.	Berlin.	Bernese.

**Largest
Stove Plant
- in -
the World.**



Merit Jewel Range.

STYLE FF.

With High-Closet, Low-Closet, and Reservoir.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
8-19	Six 8-inch holes.	19 x 19 in.	665	\$88.25	Besiege.
8-21	" 8 " "	21 x 21 "	725	94.50	Bestir.
9-21	" 9 " "	21 x 21 "	725	95.50	Bestow.

The above numbers and code words designate the range when it is provided with a **Draw-Center Grate**.

The following numbers and code words designate the range when it is provided with a **Duplex Grate**:

Nos.	81-19.	81-21.	91-21.
Code.	Betimes.	Betoken.	Bevel.



Empire Jewel Range.

Six Styles and Four Sizes.

FOR HARD COAL, SOFT COAL, OR WOOD.

A Capital Six-Hole Range At Moderate Prices.

Oval Fire-Pot; no "dead corners."

Grate easily removed without disturbing linings.

Draw-Center Grate and heavy iron linings for **soft coal**; Draw-Center Grate or Duplex Grate, and brick or heavy iron linings, for **hard coal**.

Duplex Grate, when reversed, makes good wood Fire Bottom; special Wood Grate, which interlocks with Draw-Center Grate, when ordered.

Spout Feed for **soft coal**; large Broiler Front for **hard coal**.

Extra heavy Jewel Covers, one made in reducing rings; extra heavy Centers; cut Long Center.

Top-Plate cast in sections, to obviate cracking.
Large Oven.

Oven-Plates **carefully fitted**.

Top Oven-Plate covered with **cement**.

Tin-lined Oven-Door.

Steel wire Oven Rack; **strong, light, always clean**.

Perfect system of **Oven Ventilation**.

Direct-Draft Vertical Damper; handle **removed from reach of flames**.

Best Sheet Flue Construction.

Easily accessible Flue-Door.

Draw-Hearth slides out full size.

Large Ash-Pan, bailed.

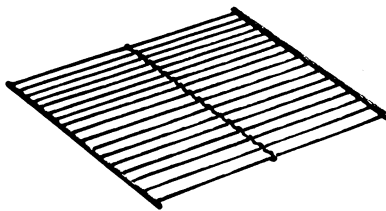
White enameled cast Reservoir.

Illuminated Reservoir Cover.

Flue-Shifting Reservoir Damper.

Reservoir Top flush with top of range.

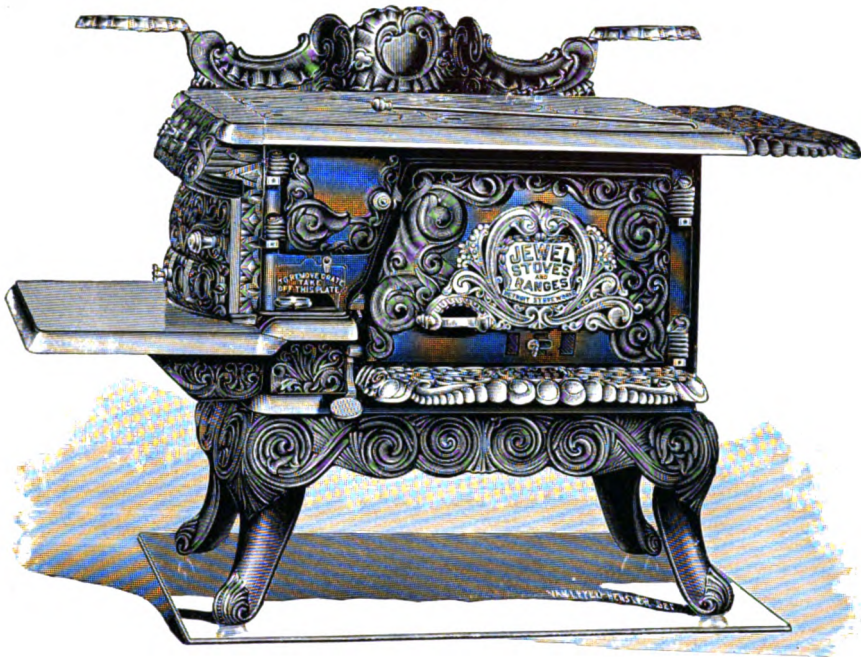
Very convenient High-Shelf and High-Closet.



Jewel Steel Wire Oven Rack.

Nickel-plated Trimmings as Follows:

Oven-Door Panel; High-Closet Panel; Towel Rod; burnished Steel Band on high-shelf and high-closet; burnished Steel Band on edge of top-plate; Outside Oven-Shelf; two Swinging Teapot-Shelves.



Empire Jewel Range.

STYLE A.

Square, with End-Shelf and T-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
86-16	Six 8-inch holes.	16 x 16 in.	350	\$38.50	Decalogue.
86-18	" 8 " "	18 x 18 "	385	44.00	Decanter.
86-20	" 8 " "	20 x 20 "	430	49.75	Decay.
96-20	" 9 " "	20 x 20 "	430	50.75	Deceit.
Water-Front, any size, extra, - - -		- - -	- - -	5.50	Decide.
Water-Front Couplings, brass, extra, - - -		- - -	- - -	1.75	Decimal.
Wood Grate, extra, - - -		- - -	- - -	....	Dwindle.
High-Shelf, extra, - - -		- - -	- - -	7.00	Dragoman.
High-Closet, extra, - - -		- - -	- - -	14.00	Drover.

Cut shows and above numbers designate Range with **Broiler Feed, Draw-Center Grate, and Iron Linings**. Numbers and code words for the other two styles are as follows:

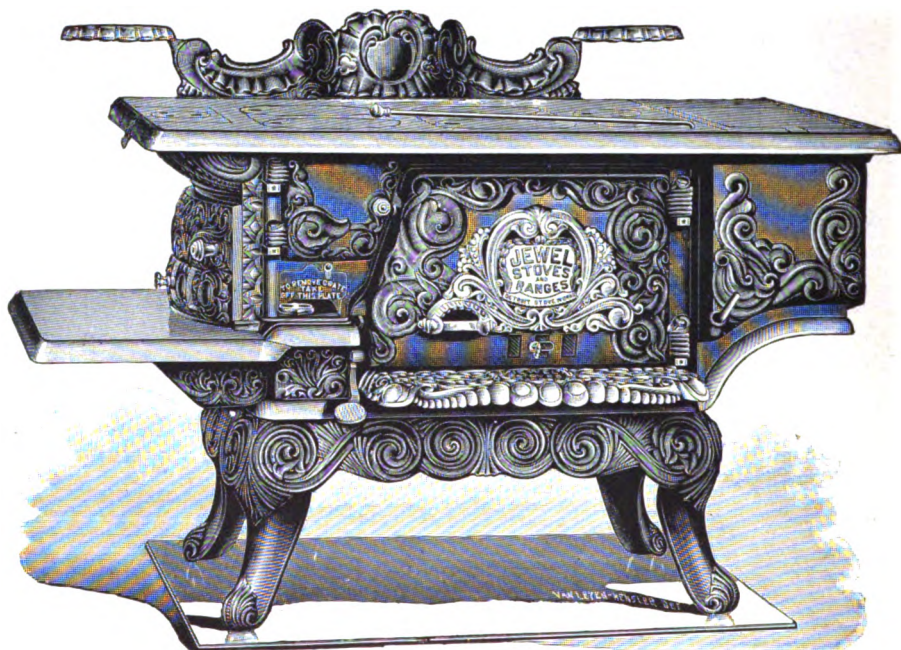
Broiler Feed, Duplex Grate, Brick Linings :

Nos.	87-16	87-18	87-20	97-20
Code.	Dactyl.	Dagger.	Dairy.	Daily.

Spout Feed, Draw-Center Grate, Iron Linings :

Nos.	85-16	85-18	85-20	95-20
Code.	Defile.	Definitive.	Deform.	Defr

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Largest
Stove Plant
- in -
the World.



Empire Jewel Range.

STYLE B.

With Reservoir and T-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
85-18	Six 8-inch holes.	18 x 18 in.	425	\$56.50	Deck.
85-20	" 8 " "	20 x 20 "	495	62.25	Declamation.
95-20	" 9 " "	20 x 20 "	495	63.25	Declamatory.
Wood Grate, extra,	- - - -	- - - -	- - - -	.....	Dwindle.
High-Shelf, extra, -	- - - -	- - - -	- - - -	7.00	Dragoman.
High-Closet, extra,	- - - -	- - - -	- - - -	14.00	Drover.

Cut shows and above numbers designate range with **Spout Feed, Draw-Center Grate, and Iron Linings.**

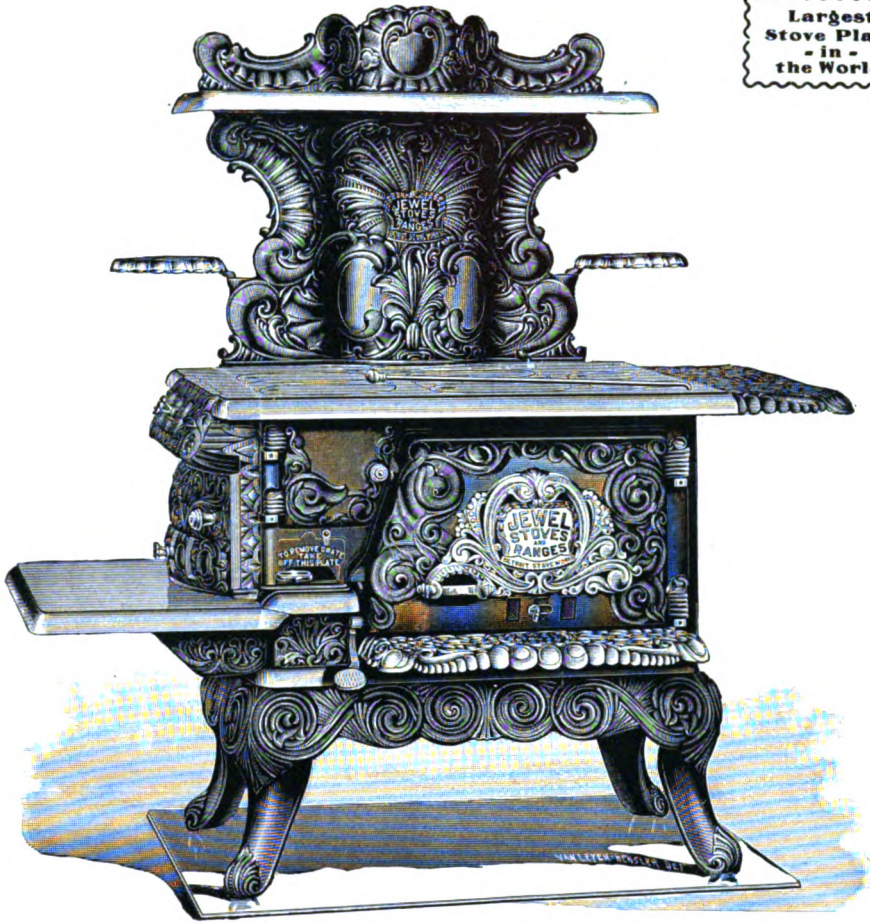
Broiler Feed, Duplex Grate, Brick Linings:

Nos.	87-18.	87-20.	97-20.
Code.	Dale.	Damask.	Dame.

Broiler Feed, Draw-Center Grate, Iron Linings:

Nos.	86-18.	86-20.	96-20.
Code.	Degenerate.	Degree.	Dejection.

Largest
Stove Plant
- in -
the World. 1899



Empire Jewel Range.

STYLE I.

Square, with High-Shelf and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights	List.	Code.
86-16	Six 8-inch holes.	16 x 16 in.	385	\$45.50	Declare.
86-18	" 8 " "	18 x 18 "	420	51.00	Declination.
86-20	" 8 " "	20 x 20 "	465	56.75	Declivity.
96-20	" 9 " "	20 x 20 "	465	57.75	Decoction.
Water-Front, any size, extra,		-	-	5.50	Decide.
Water-Front Couplings, brass, extra,		-	-	1.75	Decimal.
Wood Grate, extra, -		-	-	....	Dwindle.

Cut shows and above numbers designate range with **Broiler Feed, Draw-Center Grate, and Iron Linings.**

Broiler Feed, Duplex Grate, Brick Linings :

Nos.	87-16.	87-18.	87-20.	97-20.
Code.	Dampness.	Dance.	Danger.	Dangerous.

Spout Feed, Draw-Center Grate, Iron Linings :

Nos.	85-16.	85-18.	85-20.	95-20.
Code.	Delectable.	Delegation.	Deliberation.	Delicate.

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Largest
Stove Plant
- in -
the World.



Empire Jewel Range.

STYLE K.

With Reservoir and High-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

	Ovens.	Weights.	List.	Code.
18 inch holes.	18 x 18 in	460	\$63.50	Decrease.
" " "	20 x 20 "	530	69.25	Decry.
" " "	20 x 20 "	530	70.25	Dedicate.
" " "	" " "	" " "	" " "	Dwindle.

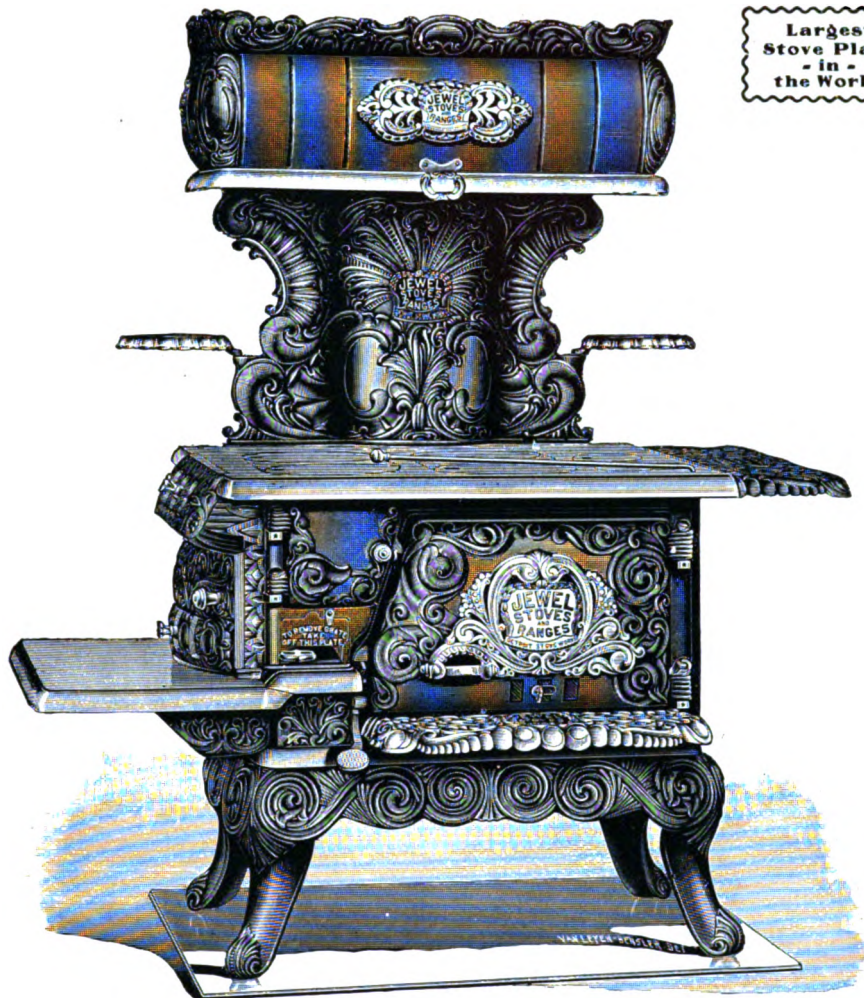
Iron ~~Numbers~~ designate Range with Spout Feed, Draw-Center Grate, and

~~Similar~~ Food, Duplex Grate, Brick Linings :

87-13.	87-20.	97-20.
Dare.	Darkness.	Daring.

~~Draw-Center~~ Draw-Center Grate, Iron Linings.

86-20.	96-20.
Delirium.	Deliver.



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- in -
the World. 1899

Empire Jewel Range.

STYLE E.

Square, with High-Closet and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
86-16	Six 8-inch holes.	16 x 16 in.	460	\$52.50	Deduction.
86-18	" 8 " "	18 x 18 "	495	58.00	Deface.
86-20	" 8 " "	20 x 20 "	540	63.75	Defalcation.
96-20	" 9 " "	20 x 20 "	540	64.75	Defamation.
Water-Front, any size, extra, -		-	-	5.50	Decide.
Water-Front Couplings, brass, extra,		-	-	1.75	Decimal.
Wood Grate, extra, -		-	-	....	Dwindle.

Cut shows and above numbers designate Range with **Broller Feed, Draw-Center Grate, and Iron Linings.**

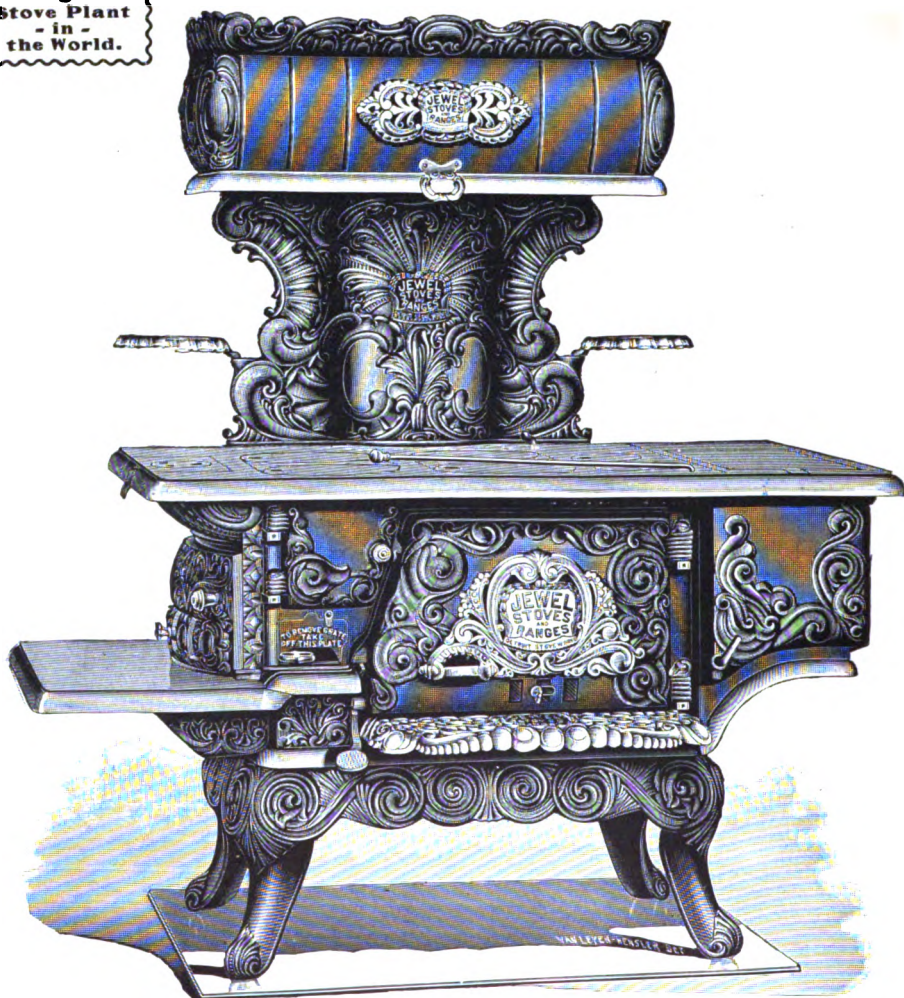
Broller Feed, Duplex Grate, Brick Linings :

Nos.	87-16.	87-18.	87-20.	97-20.
Code.	Dash.	Dasher.	Dative.	Daub.

Spout Feed, Draw-Center Grate, Iron Linings :

Nos.	85-16.	85-18.	85-20.	95-20.
Code.	Dell.	Delusion.	Delve.	Demand.

1899
Largest
Stove Plant
- in -
the World.



Empire Jewel Range.

STYLE F.

With Reservoir and High-Closet.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
85-18	Six 8-inch holes.	18 x 18 in.	535	\$70.50	Defendant.
85-20	" 8 " "	20 x 20 "	605	76.25	Defensive.
95-20	" 9 " "	20 x 20 "	605	77.25	Deference.

Cut shows and above numbers designate range with **Spout Feed, Draw-Center Grate, and Iron Linings.**

Broiler Feed, Duplex Grate, Brick Linings :

Nos.		87-18.	87-20.	97-20.
Code.		Daughter.	Daze.	Dazzle.

Broiler Feed, Draw-Center Grate, Iron Linings :

Nos.		86-18.	86-20.	96-20.
Code.		Democracy.	Demon	Demoniac.

Prize Jewel Range.

Six Styles and Five Sizes.

FOR HARD COAL, SOFT COAL, OR WOOD.

An Excellent Four-Hole Range.

Oval Fire-Pot, **which obviates "dead corners."**

Grate easily removed without disturbing linings.

Draw-Center Grate or Duplex Grate, as ordered.

Duplex Grate, when reversed, makes good Wood Fire Bottom; special Wood Grate, which interlocks with Draw-Center Grate, when ordered.

Brick linings for **hard coal**; heavy iron linings for **soft coal**.

Broiler Feed Front for **hard coal**; Spout Feed Front for **soft coal**.

Extra heavy Jewel Covers, one made in reducing rings; **extra heavy** Centers; **cut** Long Center.

Top-Plate cast in sections, to obviate cracking. Large Oven.

Oven-Plates skillfully fitted.

Top Oven-Plate covered with **cement**.

Oven-Door tin-lined.

Strong, light, clean steel wire Oven-Rack.

Direct-Draft Vertical Damper; **handle removed from flames**.

Our celebrated sheet Flue Construction.

Flue-Door easily accessible.

Draw-Hearth slides out full size.

Capacious bailed Ash-Pan.

White enameled cast Reservoir.

Illuminated Reservoir Cover.

Flue-Shifting Reservoir Damper.

Reservoir Top flush with top of range.

Very convenient High-Shelf and High-Closet.

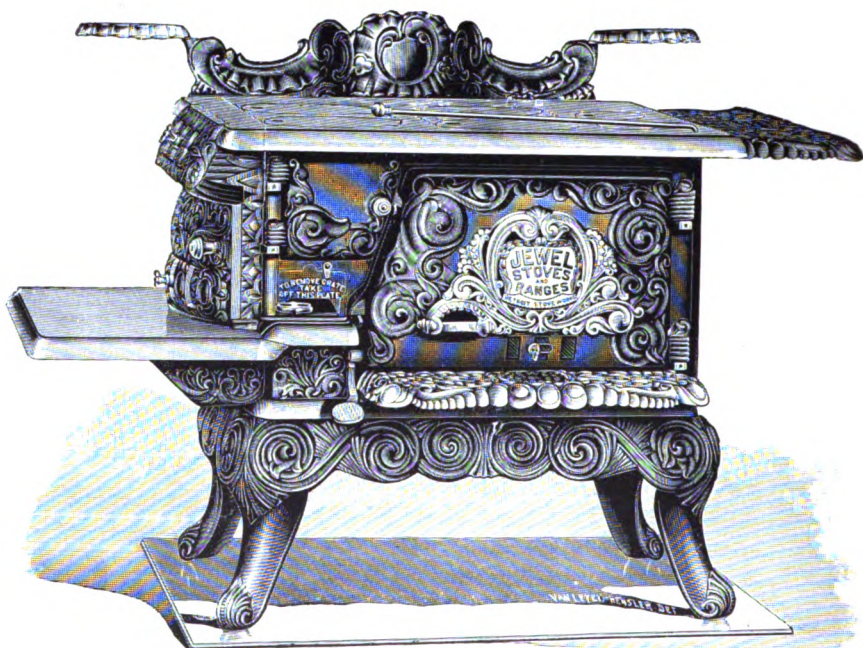


Jewel Cover.

Nickeled Trimmings as Follows :

Oven-Door Panel; High-Closet Panel; Outside Oven-Shelf; Towel Rod; two Swinging Teapot-Shelves; burnished Steel Band on high-shelf and high-closet; burnished Steel Band on edge of top-plate.

1899
Largest
Stove Plant
- in -
the World.



Prize Jewel Range.

STYLE A.

Square, with End-Shelf and T-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos		Ovens.	Weights	List.	Code.
86-16	Four 8-inch holes.	16 x 16 in.	330	\$36.25	Diagonal.
86-18	" 8 " "	18 x 18 "	360	41.75	Dial.
96-18	" 9 " "	18 x 18 "	360	42.75	Dialect.
86-20	" 8 " "	20 x 20 "	405	47.50	Diameter.
96-20	" 9 " "	20 x 20 "	405	48.50	Diamond.
Water-Front, any size, extra,				5.50	Diary.
Water-Front Couplings, brass, extra,				1.75	Dice.
Wood Grate, extra,				...	Disk.
High-Shelf, extra,				7.00	Dramatic.
High-Closet, extra,				14.00	Drowsy.

The cut shows and above numbers designate range with **Broiler Feed, Draw-Center Grate, and Iron Linings.**

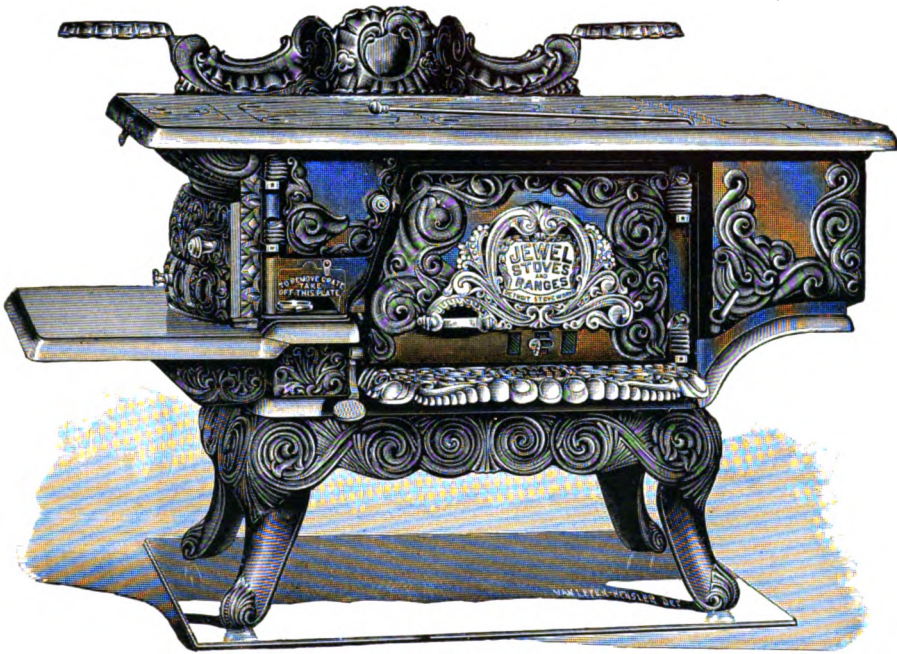
Spout Feed, Draw-Center Grate, Iron Linings :

Nos	85-16.	85-18.	95-18.	85-20.	95-20.
Code.	Docility.	Docket.	Doctor.	Doctrine.	Document.

Broiler Feed, Duplex Grate, Brick Linings :

Nos.	87-16.	87-18.	97-18.	87-20.	97-20.
Code.	Dipper.	Direct.	Direction.	Dire--	Direful.

**Largest
Stove Plant
- in -
the World.** **1899**



Prize Jewel Range.

STYLE B.

With Reservoir and T-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
85-18	Four 8-inch holes.	18 x 18 in.	410	\$54.25	Dictator.
95-18	" 9 " "	18 x 18 "	410	55.25	Die.
85-20	" 8 " "	20 x 20 "	470	60.00	Difficult.
95-20	" 9 " "	20 x 20 "	470	61.00	Diffident.
Wood Grate, extra,	- - - - -	- - - - -	- - - - -	.....	Disk.
High-Shelf, extra,	- - - - -	- - - - -	- - - - -	7.00	Dramatic.
High-Closet, extra,	- - - - -	- - - - -	- - - - -	14.00	Drowsy.

Cut -hows and above numbers designate range with **Spout Feed, Draw-Center Grate, and Iron Linings.**

Broiler Feed, Draw-Center Grate, Iron Linings :

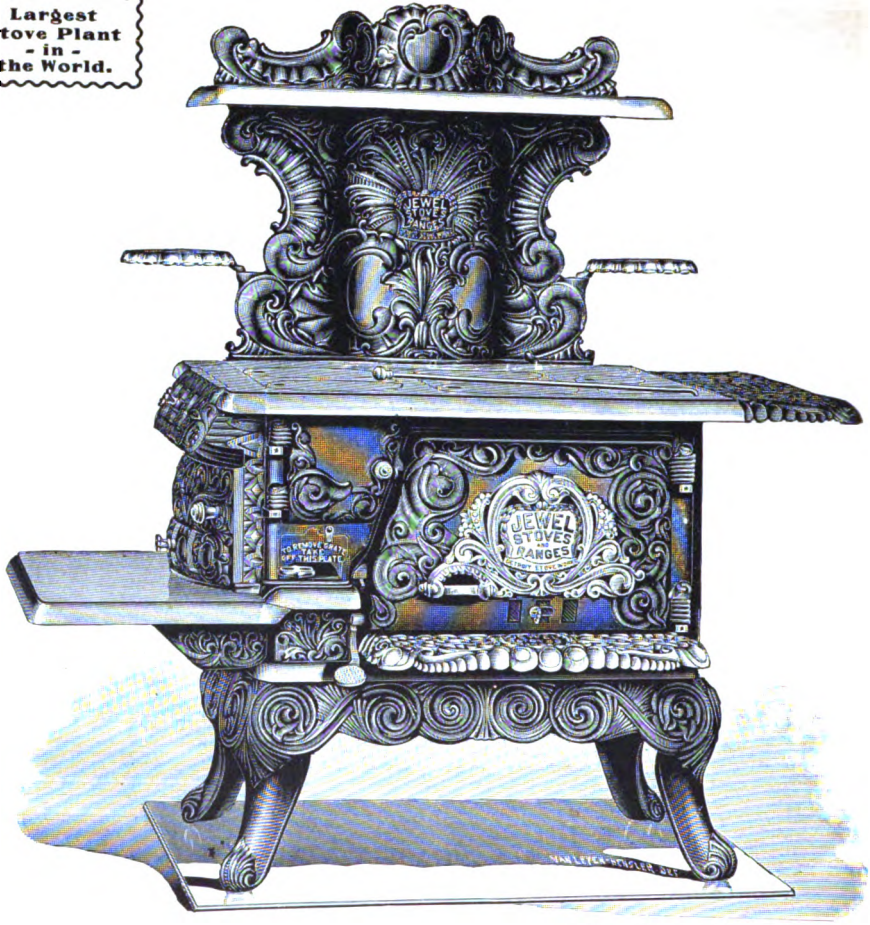
Nos.	86-18.	96-18.	86-20.	96-20.
Code.	Dodger.	Doe.	Dog-Cart.	Dogged.

Broiler Feed, Duplex Grate, Brick Linings :

Nos.	87-18.	97-18.	87-20.	97-20.
Code.	Dirge.	Dirk.	Disability.	Disable.

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Largest
Stove Plant
- in -
the World.



Prize Jewel Range.

STYLE I.

Square, with High-Shelf and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
86-16	Four 8-inch holes.	16 x 16 in.	365	\$43.25	Dig.
86-18	" 8 " "	18 x 18 "	395	48.75	Dignify.
96-18	" 9 " "	18 x 18 "	395	49.75	Digress.
86-20	" 8 " "	20 x 20 "	440	54.50	Dilate.
96-20	" 9 " "	20 x 20 "	440	55.50	Dilatory.
Water-Front, any size, extra,		- - - -	- - - -	5.50	Diary.
Water-Front Couplings, brass, extra,		- - - -	- - - -	1.75	Dice.
Wood Grate, extra,		- - - -	- - - -	....	Disk.

Accompanying cut shows and numbers designate Range with **Broiler Feed, Draw-Center Grate, Iron Linings.**

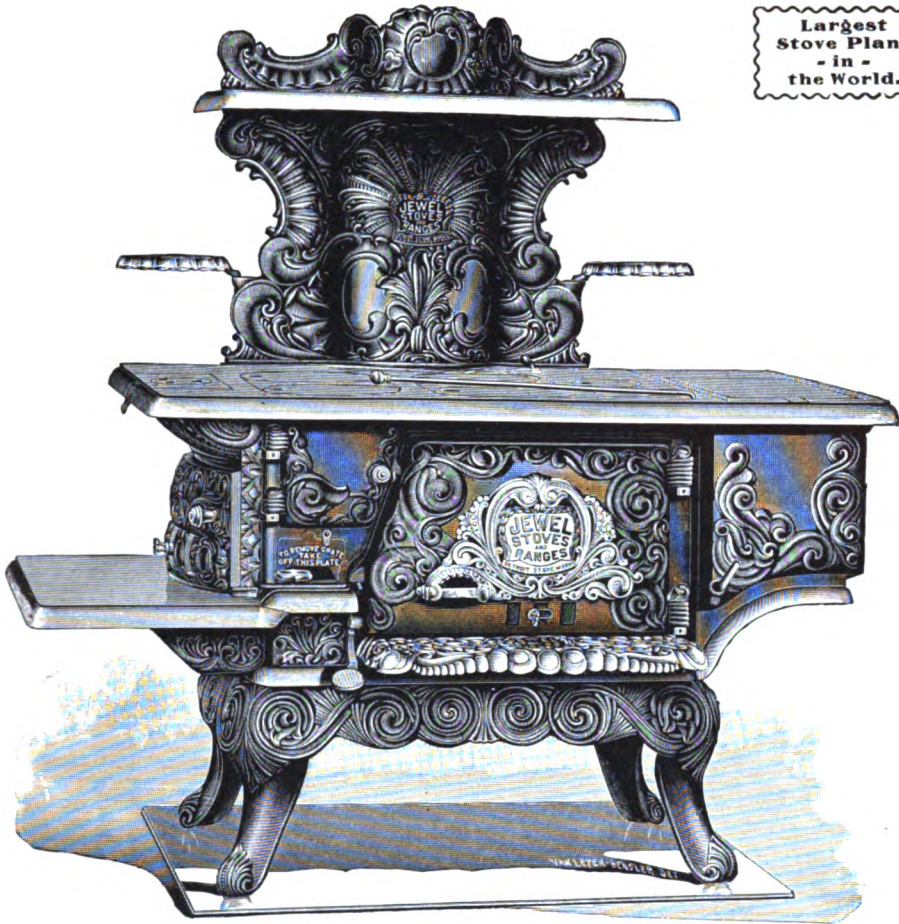
Spout Feed, Draw-Center Grate, Iron Linings :

Nos.	85-16.	85-18.	95-18.	85-20.	95-20.
Code.	Dogmatic.	Dole.	Doleful.	Dollar.	Dolphin.

Broiler Feed, Duplex Grate, Brick Linings :

	87-16.	87-18.	97-18.	87-20.
3.	Disadvantage.	Disagreeable.	Disappear.	Disapprove.

Largest
Stove Plant
- in -
the World. 1899



Prize Jewel Range.

STYLE K.

With Reservoir and High-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	WRIGHTS.	LIST.	CODE.
85-18	Four 8-inch holes.	18 x 18 in.	445	\$61.25	Dim.
95-18	" 9 " "	18 x 18 "	445	62.25	Dime.
85-20	" 8 " "	20 x 20 "	505	67.00	Diminish.
95-20	" 9 " "	20 x 20 "	505	68.00	Dimness.
Wood Grate, extra,				.....	Disk.

Accompanying cut shows and numbers designate Range with **Spout Feed, Draw-Center Grate, Iron Linings.**

Broiler Feed, Draw-Center Grate, Iron Linings :

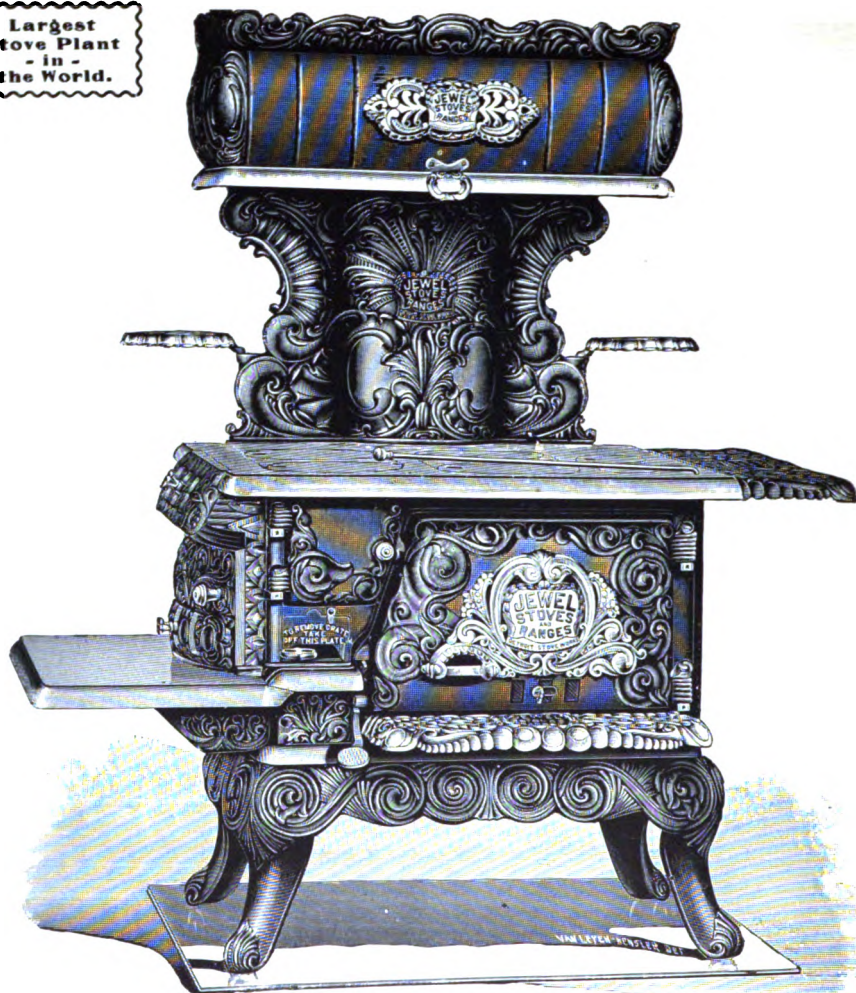
Nos.	86-18.	96-18.	86-20.	96-20.
Code.	Domain.	Dome.	Domicile.	Dominant.

Broiler Feed, Duplex Grate, Brick Linings :

Nos.	87-18.	97-18.	87-20.	97-20.
Code.	Disaster.	Disastrous.	Disband.	Disbelief.

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Largest
Stove Plant
- in -
the World.



Prize Jewel Range.

STYLE E.

Square, with High-Closet and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
86-16	Four 8-inch holes.	16 x 16 in.	440	\$50.25	Din.
86-18	" 8 " "	18 x 18 "	470	55.75	Ding.
96-18	" 9 " "	18 x 18 "	470	56.75	Dingy.
86-20	" 8 " "	20 x 20 "	515	61.50	Dioces
96-20	" 9 " "	20 x 20 "	515	62.50	Dip.
Water-Front, any size, extra,				5.50	Diary.
Water-Front Couplings. brass, extra,				1.75	Dice.
Wood Grate, extra,				....	Disk.

Accompanying cut shows and numbers designate Range with **Broiler Feed, Draw-Center Grate, Iron Linings.**

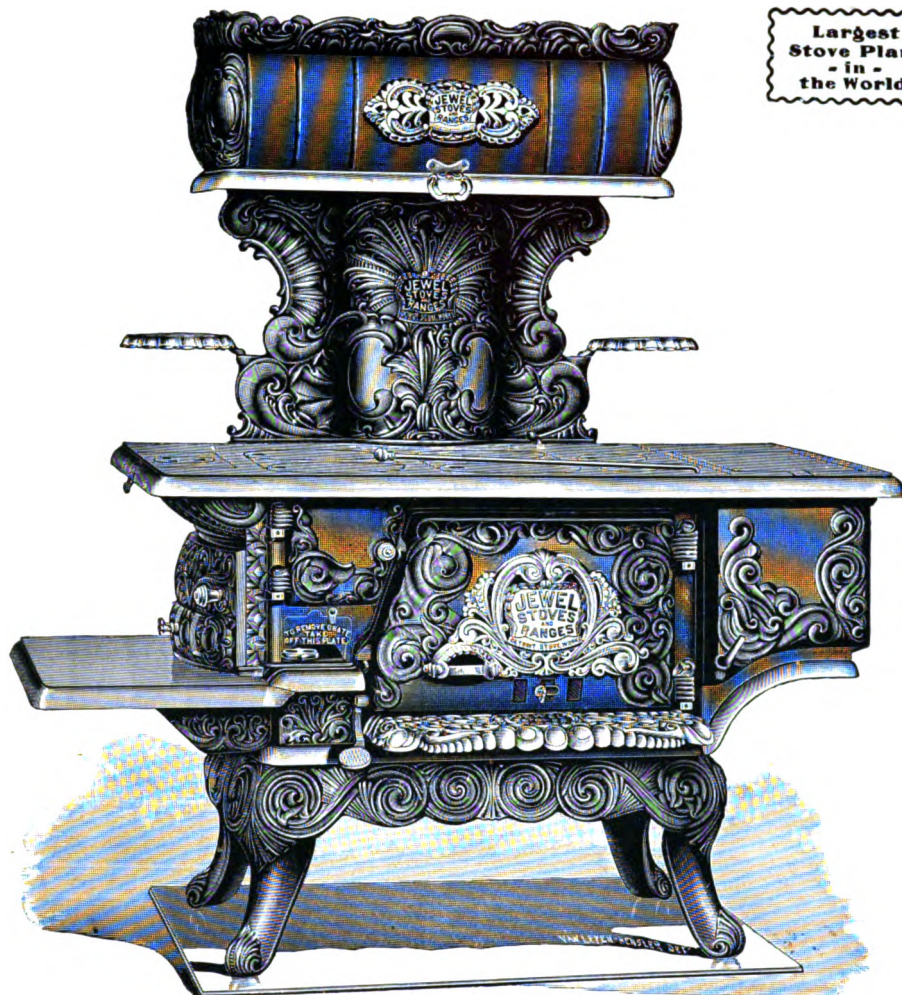
Spout Feed, Draw-Center Grate, Iron Linings :

Nos. Code.	85-16. Dominion.	85-18. Don.	95-18. Donator.	85-20. Doom.	95-20. Door.
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Broiler Feed, Duplex Grate, Brick Linings :

87-16 Discard.	87-18. Discharge.	97-18. Disciple.	87-20. Disclaim.	97-20. Disclose
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**Largest
Stove Plant
- in -
the World.** 1899



Prize Jewel Range.

STYLE F.

With Reservoir and High-Closet.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
85-18	Four 8-inch holes.	18 x 18 in.	520	\$68.25	Discontent.
95-18	" 9 " "	18 x 18 "	520	69.25	Discord.
85-20	" 8 " "	20 x 20 "	580	74.00	Discourse.
95-20	" 9 " "	20 x 20 "	580	75.00	Discover.

Accompanying cut shows and numbers designate Range with **Spout Feed, Draw-Center Grate, Iron Linings.**

Broiler Feed, Draw-Center Grate, Iron Linings :

Nos.	86-18.	96-18.	86-20.	96-20.
Code.	Dormant.	Dormer.	Dot.	Dotard

Broiler Feed, Duplex Grate, Brick Linings :

Nos.	87-18.	97-18.	87-20.	97-20.
Code.	Discreet.	Discuss.	Disfavor.	Disfigure.



Coral Jewel Range.

Six Styles and Three Sizes.

FOR HARD COAL, SOFT COAL, OR WOOD.

A Handsome, Well Built, Low-Priced Range.

Oval Fire-Pot, which obviates the formation of "dead corners."

Duplex Grate, which, when turned to reverse position, makes a good Wood Fire Bottom.

Grate easily removed without disturbing linings.

Iron linings for soft coal; brick linings for hard coal.

Swing Broiler Feed-Door.

Heavy Jewel Covers, one made in reducing rings; **heavy** Centers; **cut** Long Center.

Top-Plate cast in sections, **to obviate cracking.**

Capacious Oven; **broad at top as well as bottom.**

Oven-Plates carefully cast and fitted.

Top Oven-Plate **cement-covered.**

Tin-lined Oven-Door.

Tinned steel wire Oven-Rack; **strong and always clean.**

Hearth draws out **full size**, exposing large Ash Pit with large bailed Ash-Pan.

Direct-Draft Vertical Damper.

Flue-Door easily accessible.

White enameled cast Reservoir.

Illuminated Reservoir Cover.

Reservoir Top flush with top of range.

Very convenient High-Shelf and High-Closet.

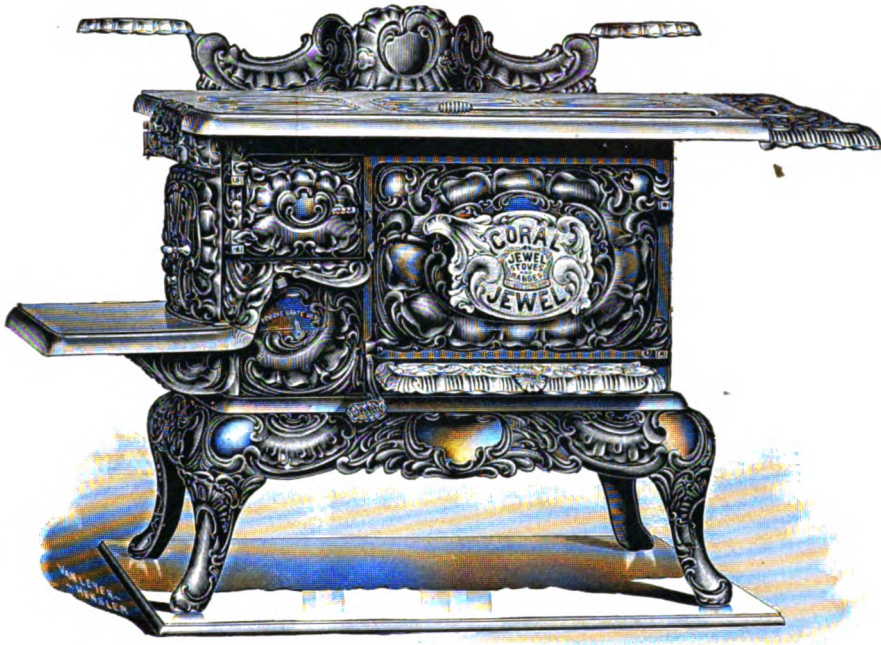


Jewel Cover in Ring Sections.

Nickel Trimings as Follows :

Name-Plate on oven-door; Outside Oven-Shelf; two handsome Swing-ing Teapot-Shelves; burnished Steel Edge Band on high-shelf and high-closet; burnished Steel Band on edge of top-plate.

Largest
Stove Plant
- in -
the World. 1899



Coral Jewel Range.

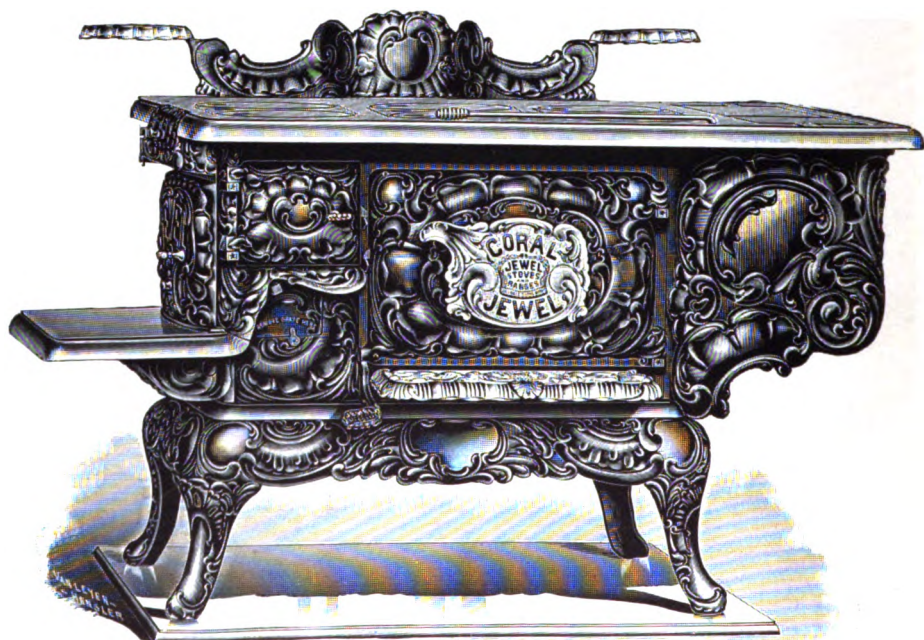
STYLE A.

Square, with End-Shelf and T-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
3-18	Six 8-inch holes.	18 x 19 in.	335	\$41.00	Duchess.
3-20	" 8 " "	20 x 21 "	400	46.75	Duck.
9-20	" 9 " "	20 x 21 "	400	47.75	Ductile.
Water-Front, any size, extra, - -		- - -	- - -	5.50	Ductility.
Water-Front Couplings, brass, extra, - -		- - -	- - -	1.75	Duet.
High-Shelf, extra, - - -		- - -	- - -	7.00	Duff.
High-Closet, extra, - - -		- - -	- - -	14.00	Dug.

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9** Largest
Stove Plant
- in -
the World.



Coral Jewel Range.

STYLE B.

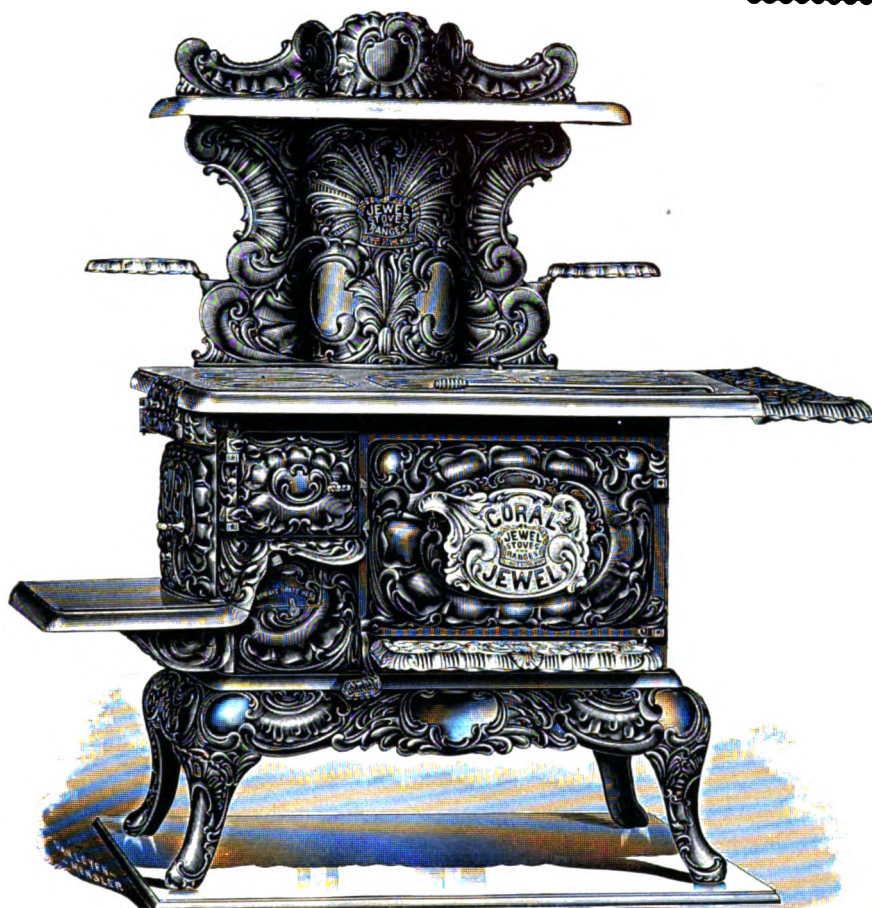
With Reservoir and T-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

NO.		Ovens.	WEIGHTS.	LIST.	CODE.
8-18	Six 8-inch holes.	18 x 19 in.	395	\$52.50	Dukedom.
8-20	" 8 " "	20 x 21 "	490	58.25	Dulcet.
9-20	" 9 " "	20 x 21 "	490	59.25	Dulcimer.
High-Shelf, extra,	- - - - -	- - - - -	- - - - -	7.00	Duff.
High-Closet, extra,	- - - - -	- - - - -	- - - - -	14.00	Dug.

**Largest
Stove Plant
- in -
the World.**

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Coral Jewel Range.

STYLE I.

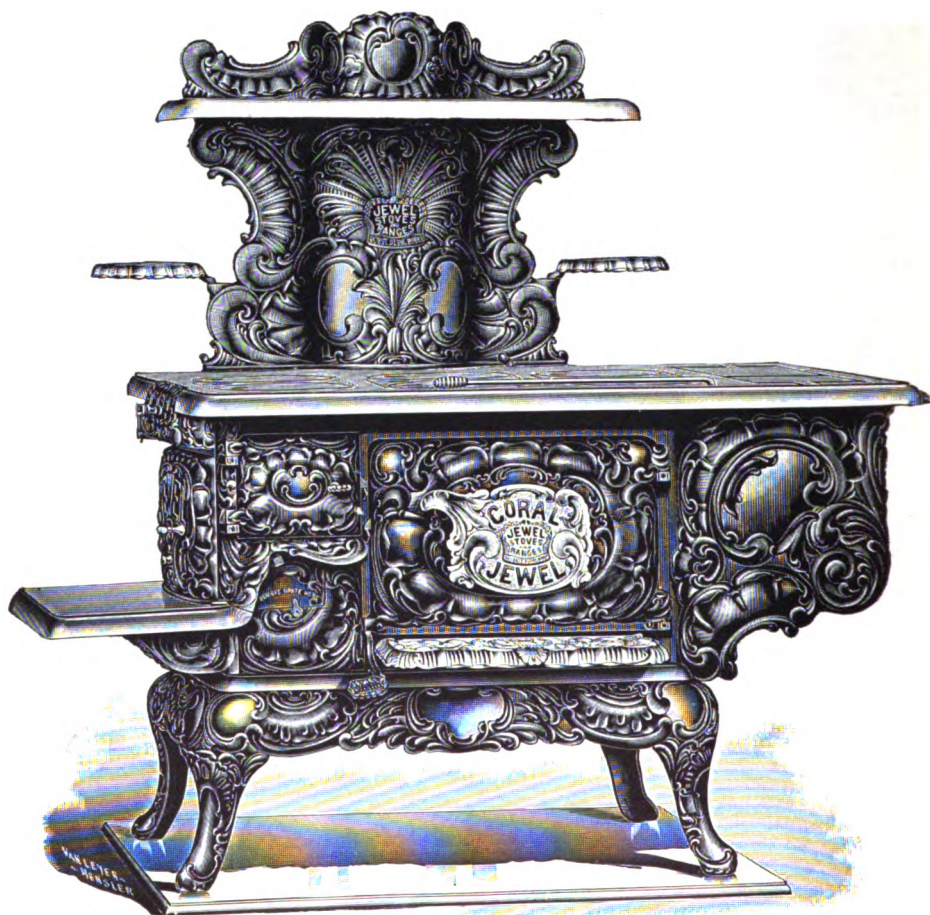
Square, with High-Shelf and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
8-18	Six 8-inch holes.	18 x 19 in.	375	\$48.00	Dumb.
8-20	" 8 " "	20 x 21 "	440	53.75	Dumbness.
9-20	" 9 " "	20 x 21 "	440	54.75	Dump.
Water-Front, any size, extra,		- - -	- - -	5.50	Ductility.
Water-Front Couplings, brass, extra,		- - -	- - -	1.75	Duet.

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**Largest
Stove Plant
- in -
the World.**



Coral Jewel Range.

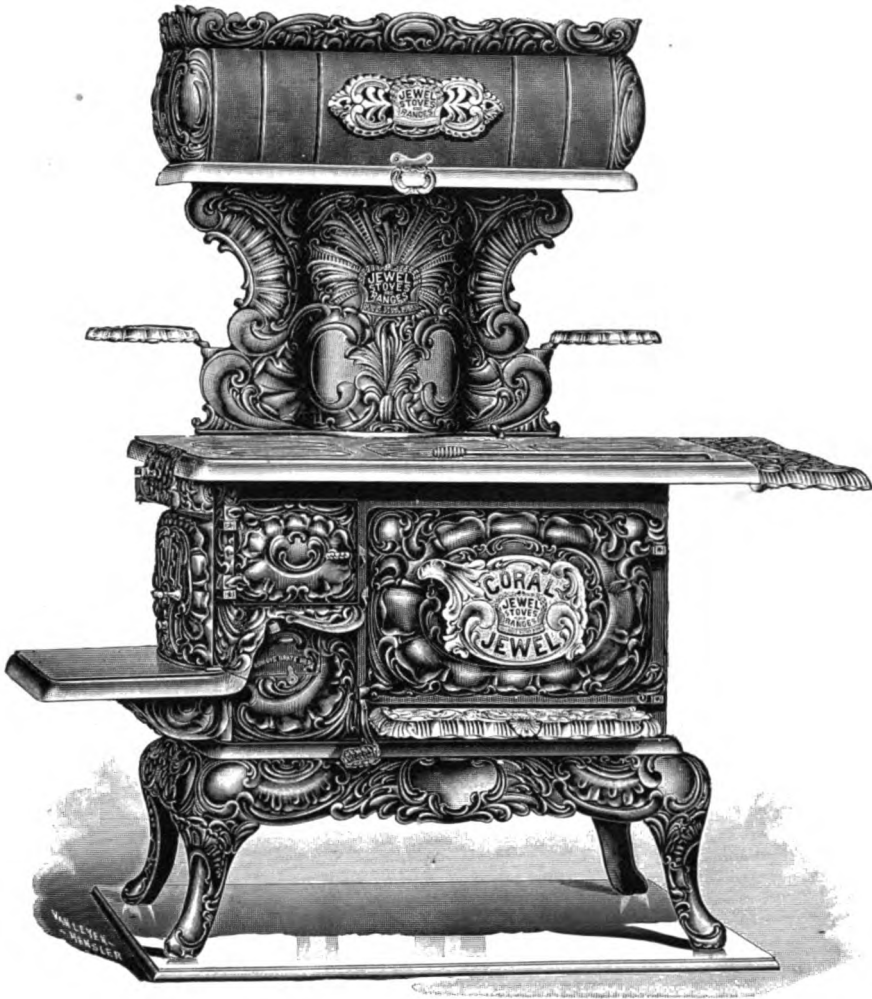
STYLE K.

With Reservoir and High-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		OVENS.	WEIGHTS.	List.	CODE.
8-18	Six 8-inch holes.	18 x 19 in.	435	\$59.50	Dun.
8-20	" 8 " "	20 x 21 "	530	65.25	Dungeon.
9-20	" 9 " "	20 x 21 "	530	66.25	Durance.

**Largest
Stove Plant
- in -
the World.**



Coral Jewel Range.

STYLE E.

Square, with High-Closet and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
8-18	Six 8-inch holes.	18 x 19 in.	415	\$55.00	Duress.
8-20	" 8 " "	20 x 21 "	480	60.75	Dusk.
9-20	" 9 " "	20 x 21 "	480	61.75	Duskiness.
Water-Front, any size, extra, - -		- - - -	- - - -	5.50	Ductility.
Water-Front Couplings, brass, extra,		- - - -	- - - -	1.75	Duet.

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9** **Largest
Stove Plant
- In -
the World.**



Coral Jewel Range.

STYLE F.

With Reservoir and High-Closet.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE
8-18	Six 8-inch holes.	18 x 19 in	475	\$66.50	Dust.
8-20	" 8 " "	20 x 21 "	570	72.25	Duteous.
9-20	" 9 " "	20 x 21 "	570	73.25	Dutiful.

City Jewel Range.

Four Styles and Six Sizes.

FOR HARD COAL, SOFT COAL, OR WOOD.

A Good Range at Very Low Prices.

Oval Fire-Box; **no "dead corners."**

Duplex Grate, which, when turned to reverse position, makes a good Wood Fire Bottom.

Grate easily removed without disturbing linings.

Iron Linings for soft coal; Brick Linings for hard coal.

Our **heavy** Jewel Covers, one in ring sections; **heavy** Centers; **cut** Long Center.

Top-Plate cast in sections, to obviate cracking.

Large Oven.

Oven-Plates **carefully cast and fitted.**

Tin-lined Oven-Door.

Tinned Steel Wire Oven-Rack; **always clean.**

White enameled cast Reservoir.

Illuminated Reservoir Cover.

Reservoir Top flush with top of range.

Flue-Shifting Reservoir Damper.

Convenient High-Shelf and High-Closet.

Swing Broiler Feed-Door.

Flue-Door easily accessible.

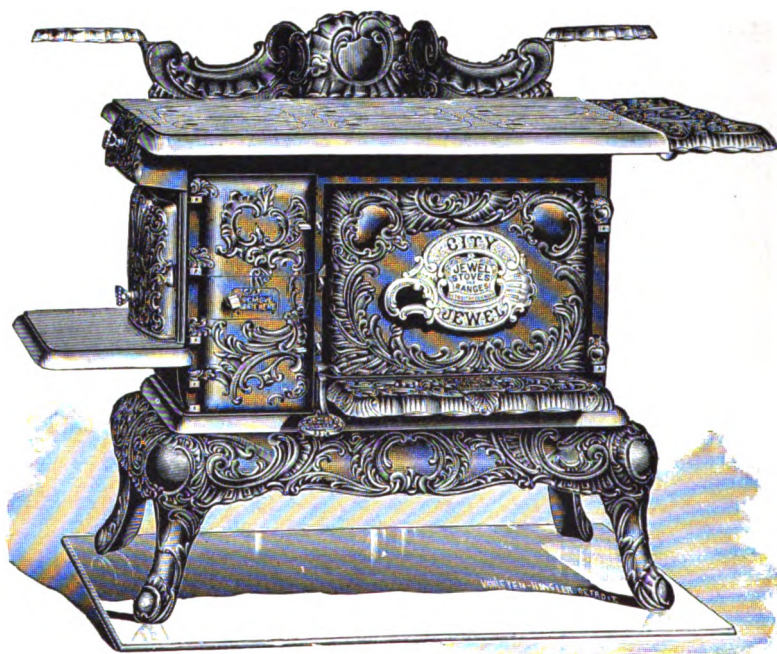
Vertical Damper, with handle out of reach of flames.

Bailed Ash-Pan, removed through ash-door.

Nickel Trimings as Follows :

Name-Plate on oven-door; two Swinging Teapot-Shelves; burnished Steel Edge Band on top-plate; burnished Steel Edge Band on high-closet and high-shelf.

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Largest
Stove Plant
- in -
the World.



City Jewel Range.

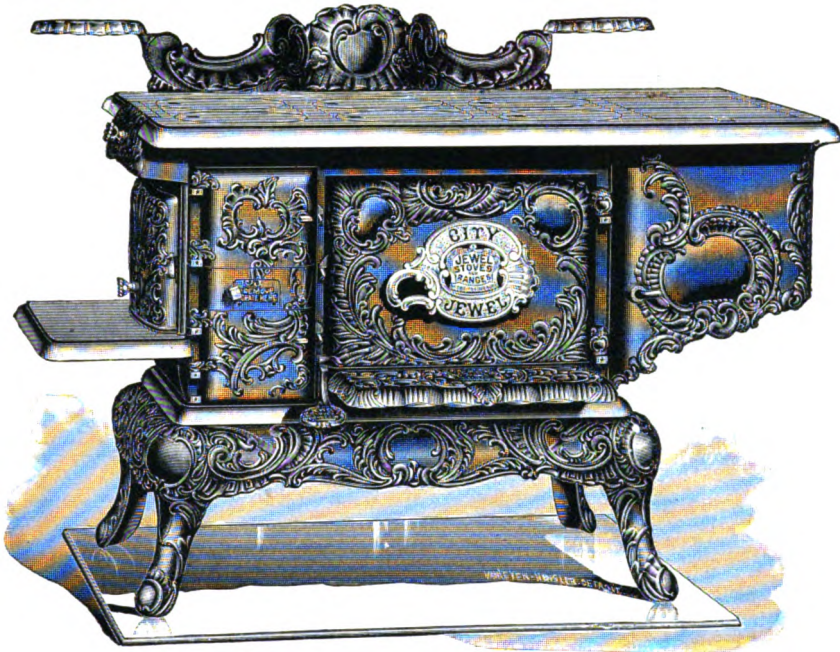
STYLE A.

Square, with T-Shelf and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
7-16	Six 7-inch holes.	15 x 16 in.	270	\$34.00	Doughty.
8-16	" 8 " "	15 x 16 "	270	34.00	Dove.
7-18	" 7 " "	17 x 18 "	290	38.50	Dovetail.
8-18	" 8 " "	17 x 18 "	290	38.50	Dowager.
8-20	" 8 " "	19 x 20 "	370	44.25	Draper.
9-20	" 9 " "	19 x 20 "	370	45.25	Drastic.
Water-Front, any size, extra, - - -		- - -	- - -	5.50	Dower.
Water-Front Couplings, brass, extra,		- - -	- - -	1.75	Drabble.
High-Shelf extra, - - -		- - -	- - -	7.00	Dray.
High-Closet, extra, - - -		- - -	- - -	14.00	Dromedary.

Largest
Stove Plant
- in -
the World. 1899



City Jewel Range.

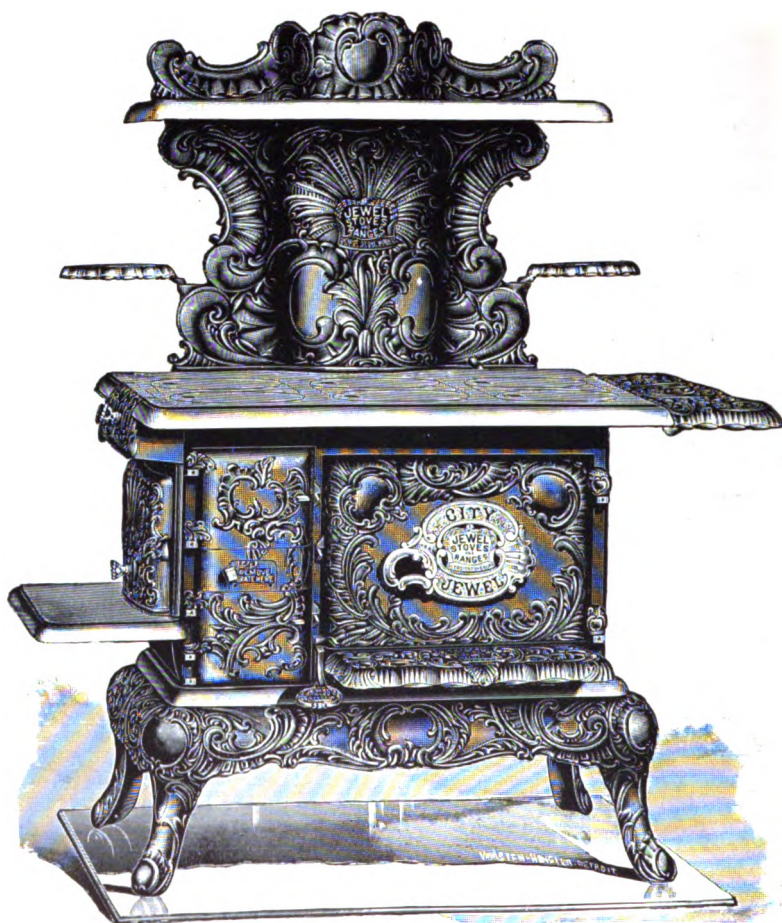
STYLE B.

With Reservoir and T-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
7-18	Six 7-inch holes.	17 x 18 in.	350	\$50.00	Dragon.
8-18	" 8 " "	17 x 18 "	350	50.00	Drainage.
8-20	" 8 " "	19 x 20 "	430	55.75	Dream.
9-20	" 9 " "	19 x 20 "	430	56.75	Dreamless.
High-Shelf, extra,	- - - -	- - - -	- - - -	7.00	Dray.
High-Closet, extra,	- - - -	- - - -	- - - -	14.00	Dromedary.

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Largest
Stove Plant
- in -
the World.



City Jewel Range.

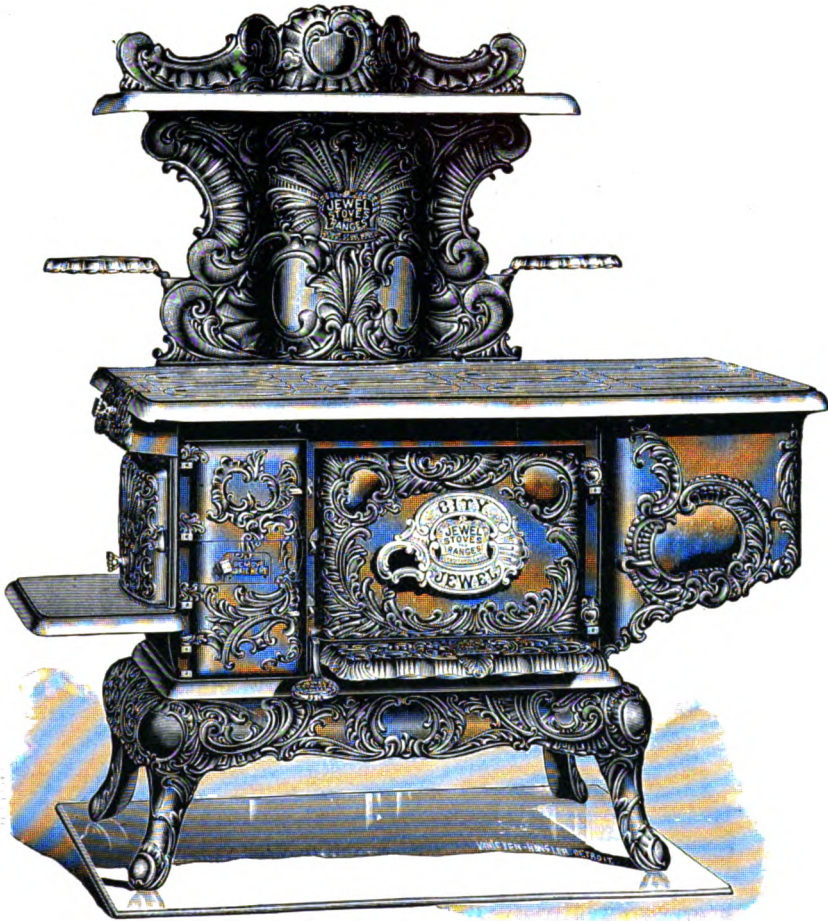
STYLE I.

Square, with High-Shelf and End-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		OVENS.	WEIGHT.	LIST.	CODE.
7-16	Six 7-inch holes.	15 x 16 in.	310	\$41.00	Drench.
8-16	" 8 " "	15 x 16 "	310	41.00	Drenching.
7-18	" 7 " "	17 x 18 "	330	45.50	Dredge.
8-18	" 8 " "	17 x 18 "	330	45.50	Dredging.
8-20	" 8 " "	19 x 20 "	410	51.25	Drib.
9-20	" 9 " "	19 x 20 "	410	52.25	Dribble.
Water-Front, any size, extra,			-	5.50	Dower.
Water-Front Couplings, brass, extra,			-	1.75	Drabble.

Largest
Stove Plant
- in -
the World. 1899



City Jewel Range.

STYLE K.

With Reservoir and High-Shelf.

FOR HARD COAL, SOFT COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
7-18	Six 7-inch holes.	17 x 18 in.	390	\$57.00	Droll.
8-18	" 8 " "	17 x 18 "	390	57.00	Drollery.
8-20	" 8 " "	19 x 20 "	470	62.75	Drill.
9 20	" 9 " "	19 x 20 "	470	63.75	Drilling.



Pacific Jewel Range.

Six Styles and Four Sizes.

FOR WOOD ONLY.

The Best Six-Hole Cast Range for Wood Only.

Exceptionally large Fire-Box.

Our heavy Interlocking Sectional Fire-Back;
very durable.

Very durable False Fire Bottom.

Heavy Swinging Front Grate.

Oven - Plates **carefully cast and smoothly fitted.**

Top Oven-Plate covered with **cement.**

Tin-lined Oven-Door.

Strong cast Oven-Rack.

Perfect Oven Ventilation.

Our celebrated Sheet Flue Construction.

Flue-Door readily accessible.

Direct-Draft Vertical Damper, with handle out
of reach of flames.

Large Draw-Hearth, **which may be dropped over edge**, leaving it suspended by lugs.

Exceptionally large Ash-Pan, bailed.

Extra heavy Jewel Covers, one in ring sections; **extra heavy** Centers; **cut** Long Center.

Top-Plate cast in sections, to obviate cracking.

All Bolts and Rods protected from contact with the fire.

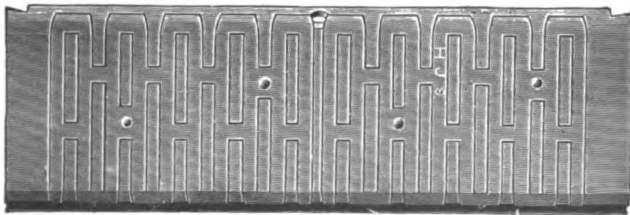
Large white-enameled Reservoir.

Reservoir Cover japanned and illuminated.

Flue-Shifting Reservoir Damper.

Reservoir Top flush with top of range.

Very convenient and handsome High-Closet
and High-Shelf.

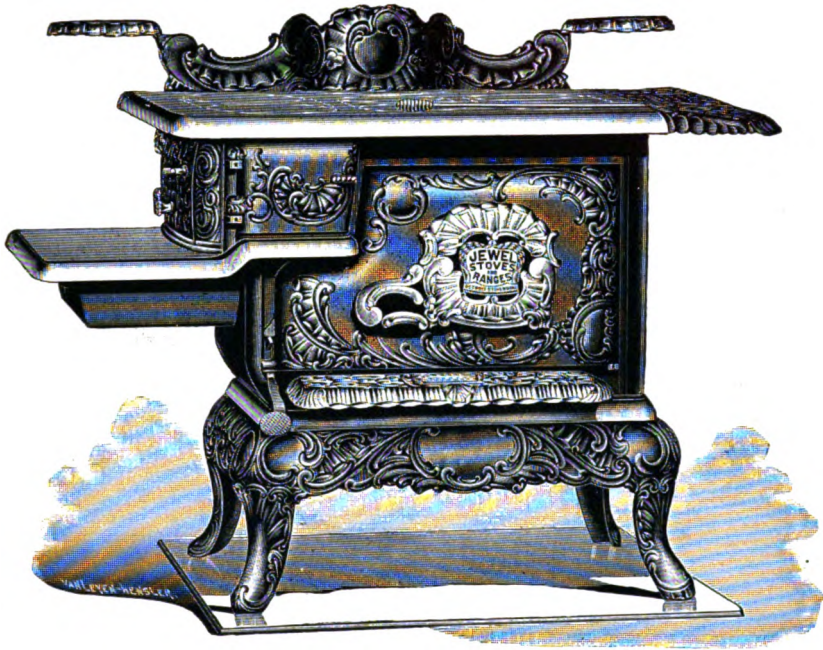


Jewel Wood Fire-Back.

Nickel Trimings as Follows:

Oven-Door Panel; High-Closet Panel; stationary Outside Oven-Shelf; two Swinging Teapot-Shelves; Towel Rod; burnished Steel Edge Band on top-plate; burnished Steel Edge Band on high-shelf and high-closet.

Largest
Stove Plant
- in -
the World. 1899



Pacific Jewel Range.

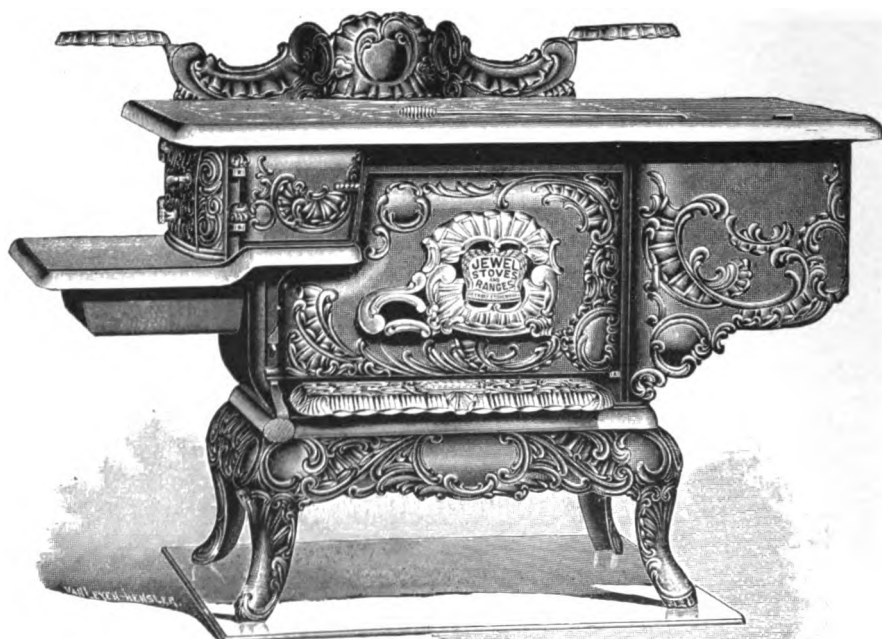
STYLE A.

Square, with T-Shelf and End-Shelf.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
82-20	Six 8-inch holes.	20 x 18 in.	330	\$41.00	Foster.
82-22	" 8 " "	22 x 20 "	355	47.00	Foundation.
82-24	" 8 " "	24 x 22 "	395	53.00	Founder.
92-24	" 9 " "	24 x 22 "	395	54.00	Fountain.
Water-Back, any size, extra,		.	.	5.50	Fowler.
Water-Back Couplings, brass, extra,		.	.	1.75	Fox.
High-Shelf, extra,		.	.	7.00	Fraction.
High-Closet, extra,		.	.	14.00	Fresco.

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9** **Largest
Stove Plant
- in -
the World.**



Pacific Jewel Range.

STYLE B.

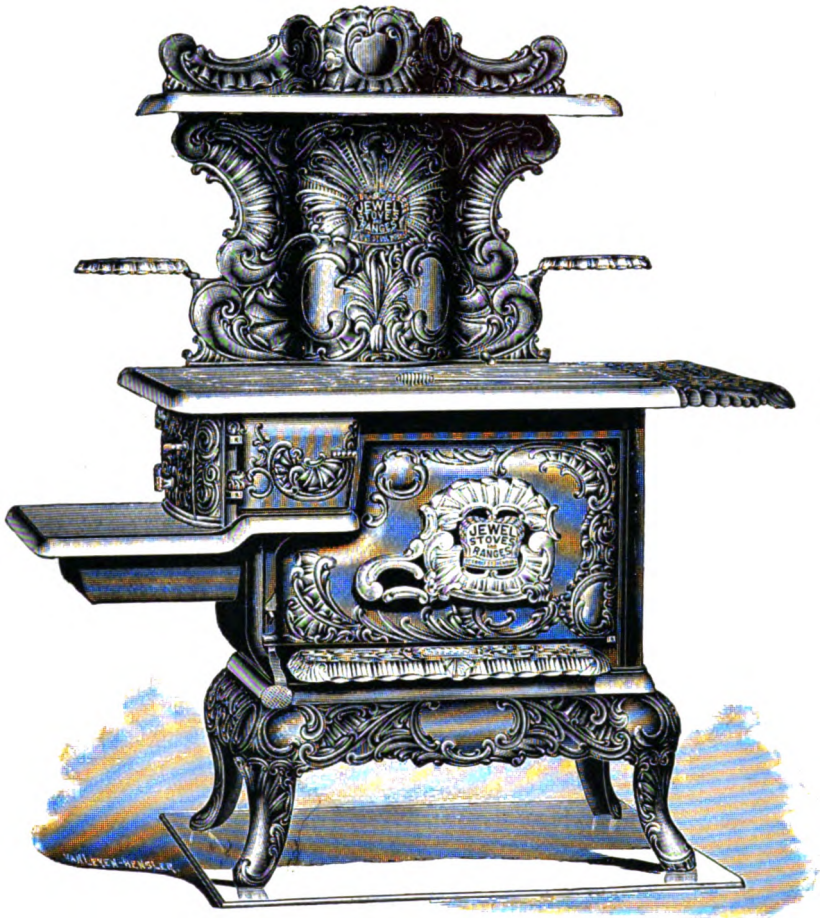
With Reservoir and T-Shelf.

FOR WOOD ONLY.

NO.		OVENS.	WEIGHTS.	LIST.	CODE.
82-20	Six 8 inch holes.	20 x 18 in.	385	\$54.50	Freeholder.
82-22	" 8 " "	22 x 20 "	410	60.50	Freeze.
82-24	" 8 " "	24 x 22 "	470	66.50	French.
92-24	" 9 " "	24 x 22 "	470	67.50	Frenzy.
High Shelf, extra,	.	.	.	7.00	Fraction.
High-Closet, extra,	.	.	.	14.00	Fresco.

**Largest
Stove Plant
- in -
the World.**

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Pacific Jewel Range.

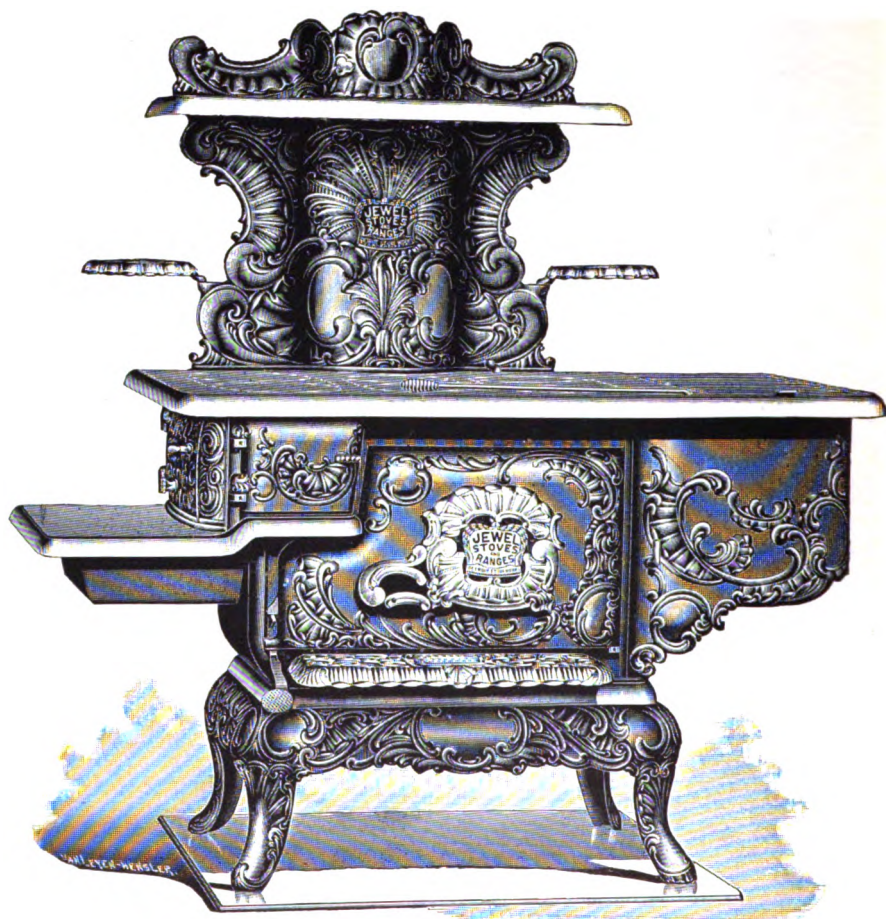
STYLE I.

Square, with High-Shelf and End-Shelf.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
82-20	Six 8-inch holes.	20 x 18 in.	365	\$48.00	Fresh.
82-22	" 8 " "	22 x 20 "	390	54.00	Friable.
82-24	" 8 " "	24 x 22 "	430	60.00	Friction.
92-24	" 9 " "	24 x 22 "	430	61.00	Friday.
Water-Back, any size, extra, - - - - -				5.50	Fowler.
Water-Back Couplings, brass, extra, - - - - -				1.75	Fox.

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9** **Largest
Stove Plant
- in -
the World.**



Pacific Jewel Range.

STYLE K.

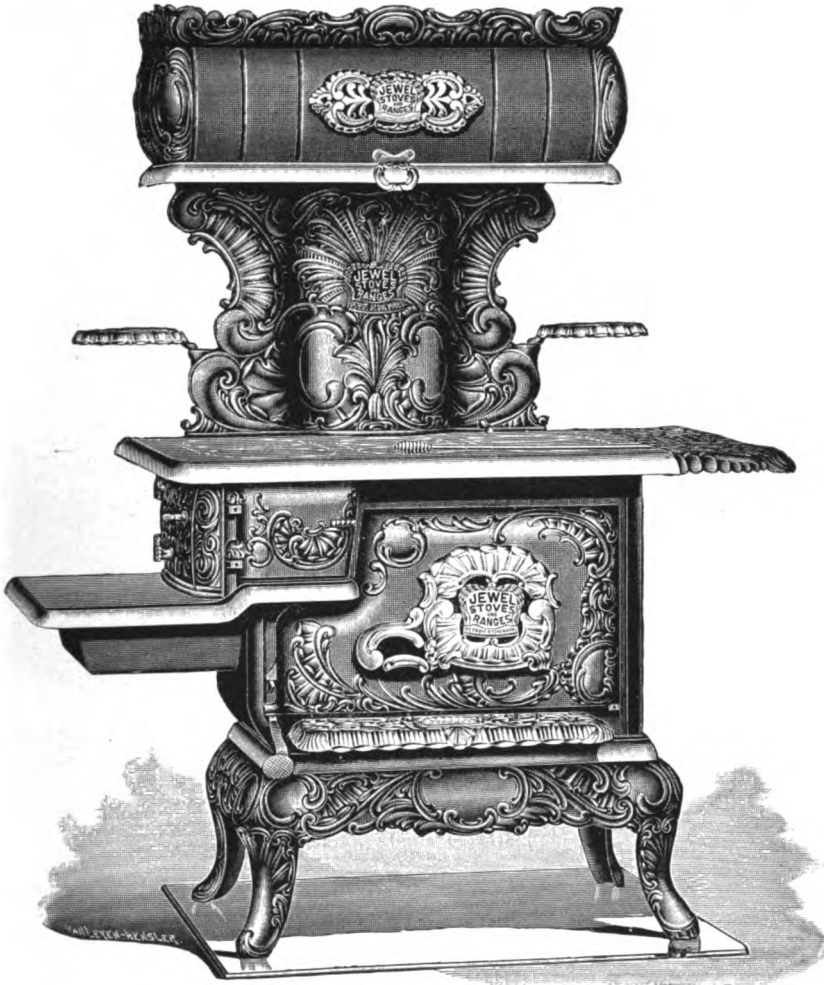
With Reservoir and High-Shelf.

FOR WOOD ONLY.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
82 20	Six 8-inch holes.	20 x 18 in.	420	\$61.50	Friendsh
82-22	" 8 " "	22 x 20 "	445	67.50	Frigidity
82 24	" 8 " "	24 x 22 "	505	73.50	Frill.
92-24	" 9 " "	24 x 22 "	505	74.50	Fringe.

**Largest
Stove Plant
- in -
the World.**

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Pacific Jewel Range.

STYLE E.

Square, with High-Closet and End-Shelf.

FOR WOOD ONLY.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
82-20	Six 8-inch holes.	20 x 18 in.	440	\$55.00	Frisk.
82-22	" 8 " "	22 x 20 "	465	61.00	Frivolity.
82-24	" 8 " "	24 x 22 "	505	67.00	Frock.
92-24	" 9 " "	24 x 22 "	505	68.00	Frog.
Water-Back, any size, extra, - -		- - -	- - -	5.50	Fowler.
Water-Back Couplings, brass, extra, -		- - -	- - -	1.75	Fox.

1899
Largest
Stove Plant
- in -
the World.



Pacific Jewel Range.

STYLE F.

With Reservoir and High-Closet.

FOR WOOD ONLY.

NO.		OVRNS.	WEIGHTS.	LIST.	CODE.
2-21	Six 8-inch holes.	20 x 18 in.	495	\$68.50	Frolicsome.
2-22	" 8 " "	22 x 20 "	520	74.50	Frontier.
2-23	" 8 " "	24 x 22 "	580	80.50	Frost.
2-24	" 9 " "	24 x 22 "	580	81.50	Frosted.

Atlantic Jewel Range.

Six Styles and Four Sizes.

FOR WOOD ONLY.

The Best Four - Hole Cast Wood Range.

Very Large Fire-Box.

Heavy Interlocking Sectional Fire-Back; the most durable of wood fire-backs.

Durable False Fire Bottom.

Heavy Swinging Front Grate.

Our celebrated Sheet Flue Construction.

Flue-Door large and easily accessible.

Direct-Draft Vertical Damper; handle removed from reach of flames.

Large Draw-Hearth, which drops over edge, hanging suspended by lugs.

Large bailed Ash-Pan.

Extra heavy Jewel Covers, one in ring sections; extra heavy Centers; cut Long Center.

Top-Plate cast in sections, to obviate cracking.

Large Oven.

Oven-Plates carefully cast and skillfully fitted.

Top Oven-Plate covered with cement.

Tin-lined Oven-Door.

Tinned steel wire Oven-Rack; light, unbreakable, always clean.

Perfect Oven Ventilation.

Rods and Bolts protected from contact with the fire.

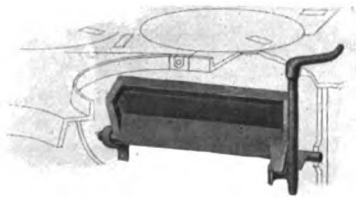
White enameled cast Reservoir.

Flue-Shifting Reservoir Damper.

Japanned and illuminated Reservoir Cover.

Reservoir Top flush with top of range.

Very ornamental and convenient High-Shelf and High-Closet.

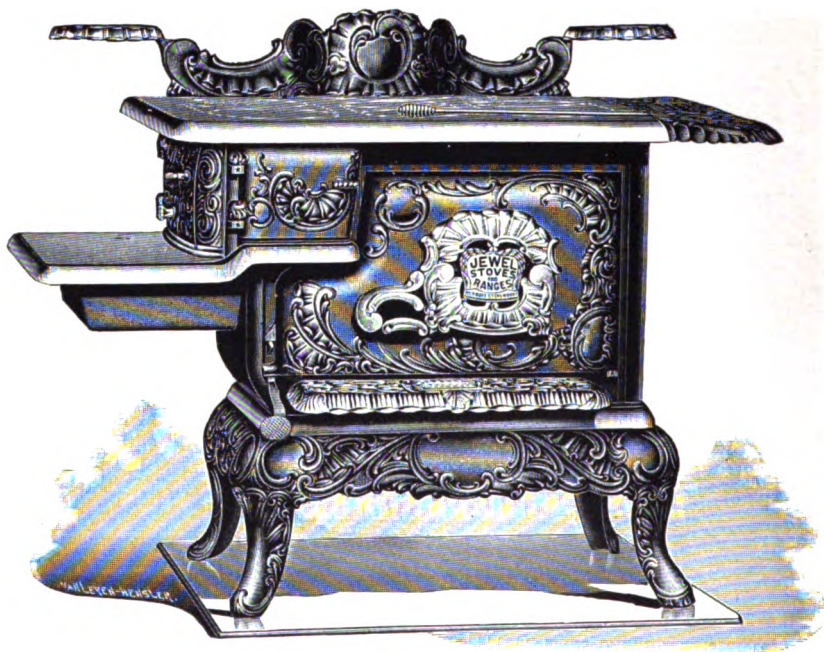


Jewel Vertical Damper.

Nickeled Trimmings as Follows :

Oven-Door Panel; High-Closet Panel; Outside Oven-Shelf; two Swinging Teapot-Shelves; Towel Rod; burnished Steel Edge Bend on high-closet and high-shelf; burnished Steel Edge Band on top-plate.

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Largest
Stove Plant
- in -
the World.



Atlantic Jewel Range.

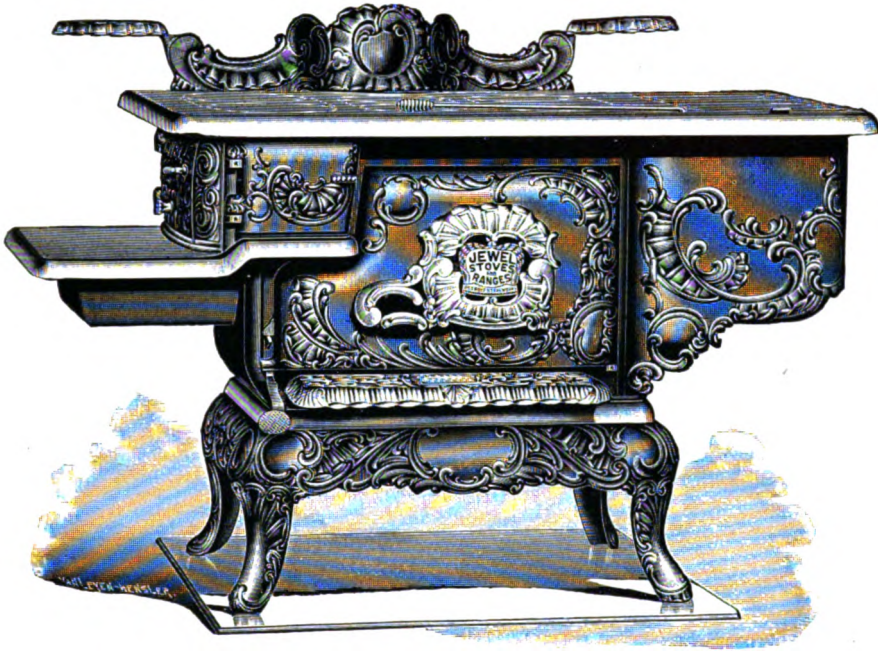
STYLE A.

Square, with T-Shelf and End-Shelf.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
82-20	Four 8-inch holes.	20 x 18 in.	320	\$38.75	Frothy.
92-20	" 9 " "	20 x 18 "	320	39.75	Froward.
82-22	" 8 " "	22 x 20 "	345	44.75	Frown.
92-22	" 9 " "	22 x 20 "	345	45.75	Frowning.
Water-Back, any size, extra,				5.50	Frugal.
Water-Back Couplings, brass, extra,				1.75	Frugality.
High-Shelf, extra,				7.00	Fraction.
High-Closet, extra,				14.00	Fresco.

**Largest
Stove Plant
- in -
the World.** **1899**



Atlantic Jewel Range.

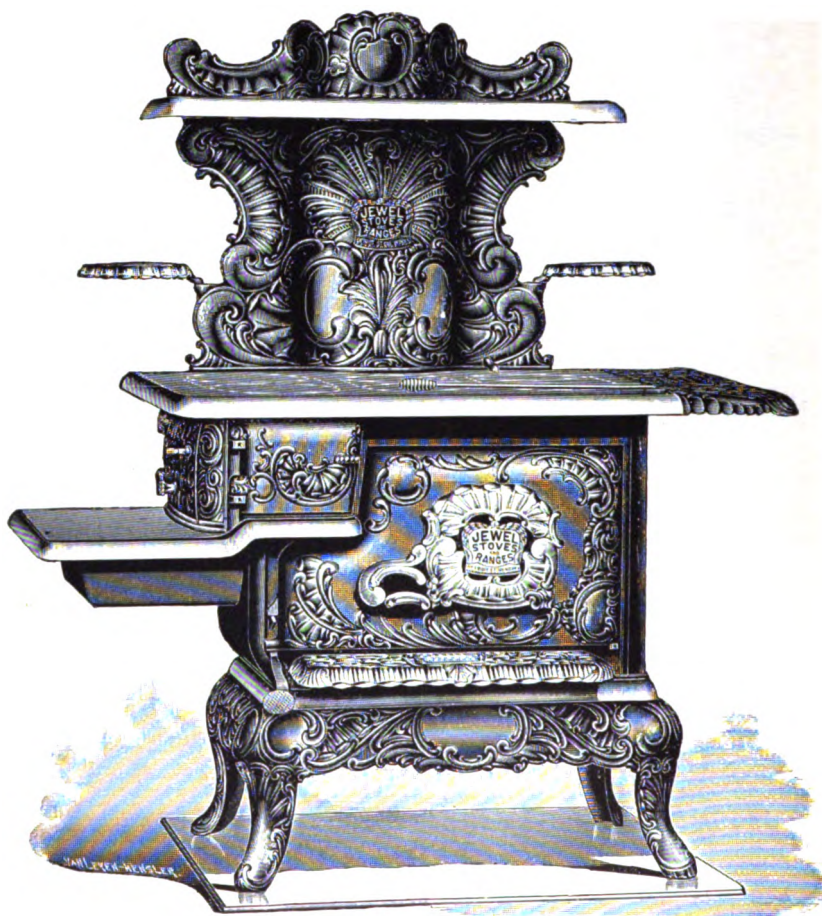
STYLE B.

With Reservoir and T-Shelf.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
82-20	Four 8-inch holes.	20 x 18 in.	375	\$52.25	Fruitful.
92-20	" 9 " "	20 x 18 "	375	53.25	Fruition.
82-22	" 8 " "	22 x 20 "	400	58.25	Fruitless.
92-22	" 9 " "	22 x 20 "	400	59.25	Frustrate.
High-Shelf, extra,	.	.	.	7.00	Fraction.
High-Closet, extra,	.	.	.	14.00	Fresco.

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9** Largest
Stove Plant
- in -
the World.



Atlantic Jewel Range.

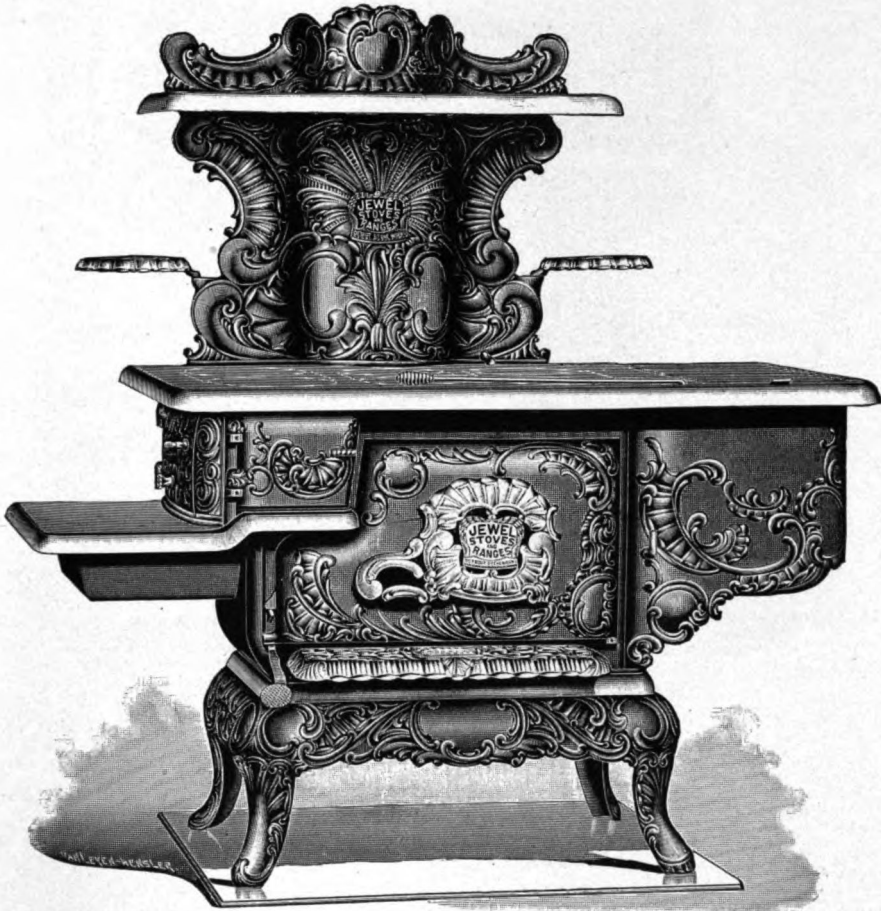
STYLE I.

Square, with High-Shelf and End-Shelf.

FOR WOOD ONLY.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
82-20	Four 8-inch holes.	20 x 18 in.	355	\$45.75	Fry.
92-20	" 9 " "	20 x 18 "	355	46.75	Fuel.
82-22	" 8 " "	22 x 20 "	380	51.75	Fugacious.
92-22	" 9 " "	22 x 20 "	330	52.75	Fugitive.
Water-Back, any size, extra,		.	.	5.50	Frugal.
Water-Back Couplings, brass, extra,		.	.	1.75	Frugality.

Largest
Stove Plant
- in -
the World. 1899



Atlantic Jewel Range.

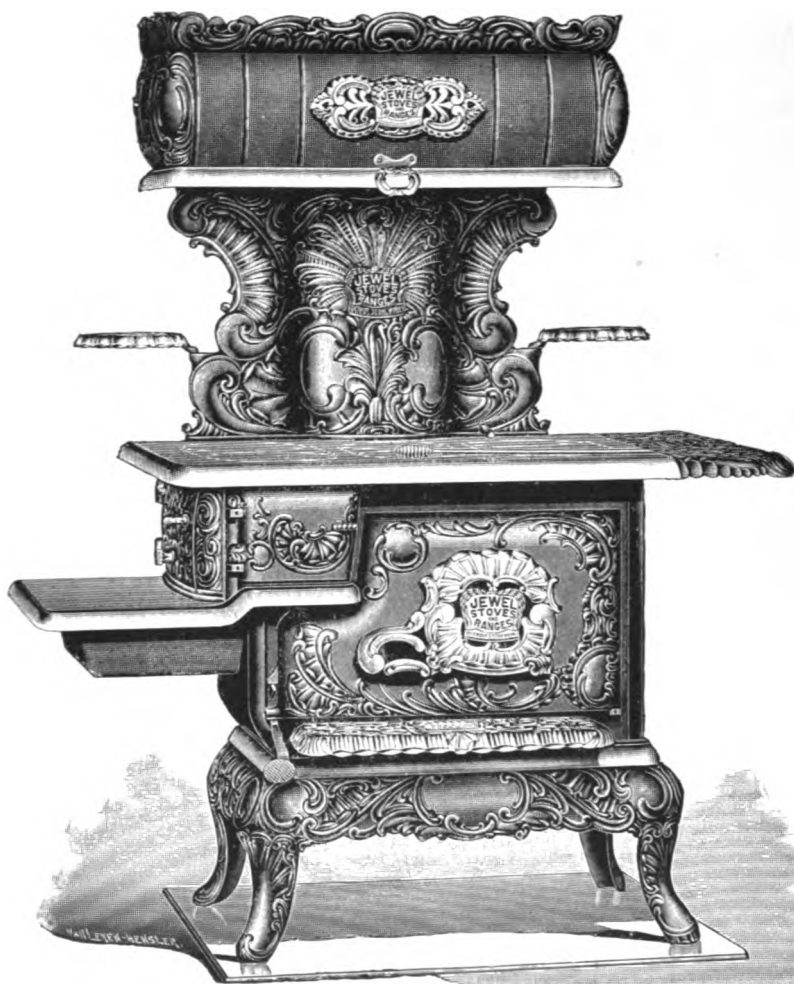
STYLE K.

With Reservoir and High-Shelf.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
82-20	Four 8-inch holes.	20 X 18 in.	410	\$59.25	Fulfill.
92-20	" 9 " "	20 X 18 "	410	60.25	Fulgent.
82-22	" 8 " "	22 X 20 "	435	65.25	Fuller.
92-22	" 9 " "	22 X 20 "	435	66.25	Fullness.

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Largest
Stove Plant
- in -
the World.



Atlantic Jewel Range.

STYLE E.

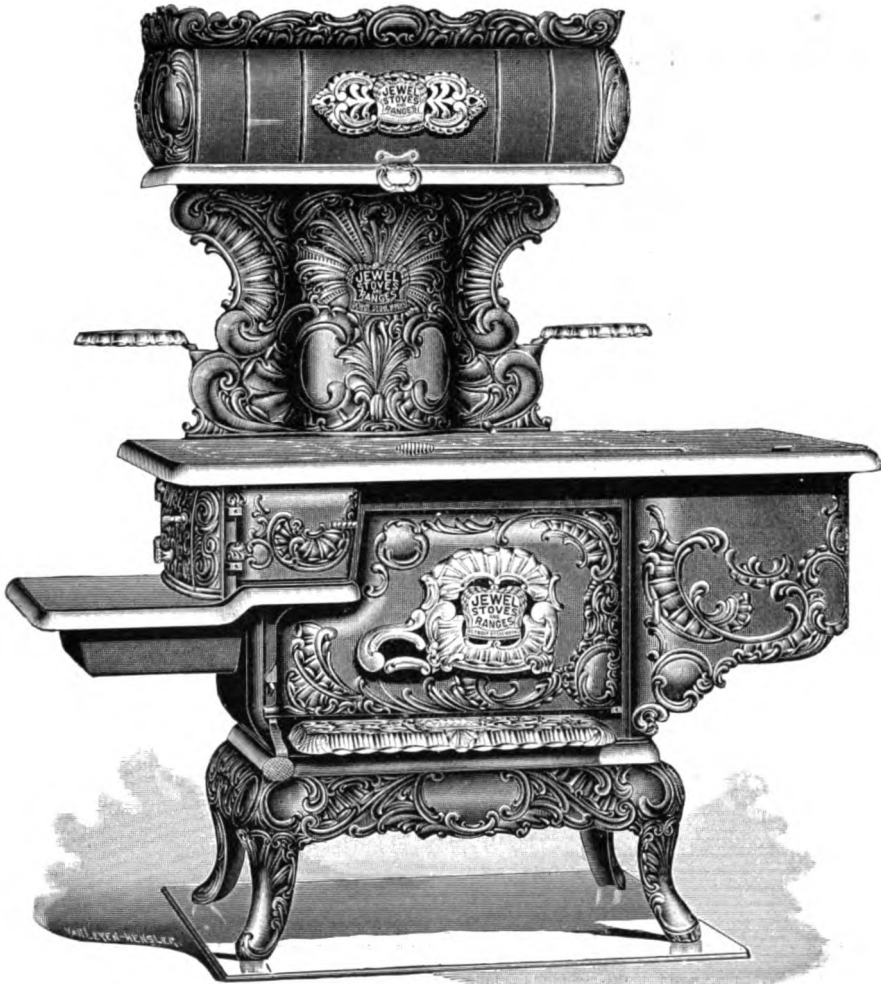
Square, with High-Closet and End-Shelf.

FOR WOOD ONLY.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
82-20	Four 8-inch holes.	20 x 18 in.	430	\$52.75	Fulmination.
92-20	" 9 " "	20 x 18 "	430	53.75	Fulsome.
82-22	" 8 " "	22 x 20 "	455	58.75	Fumble.
92-22	" 9 " "	22 x 20 "	455	59.75	Fume.
Water-Back, any size, extra, - - -		- - -	- - -	5.50	Frugal.
Water-Back Couplings, brass, extra,		- - -	- - -	1.75	Frugality.

**Largest
Stove Plant
- in -
the World.**

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Atlantic Jewel Range.

STYLE F.

With Reservoir and High-Closet.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
82-20	Four 8-inch holes.	20 x 18 in.	485	\$66.25	Fund.
92-20	" 9 " "	20 x 18 "	485	67.25	Fundamental.
82 22	" 8 " "	22 x 20 "	510	72.25	Funding.
92-22	" 9 " "	22 x 20 "	510	73.25	Fungoid.

Detroit Jewel.

Four Styles and Six Sizes.

FOR SOFT COAL, HARD COAL, OR WOOD.

The Most Popular Coal Cook Manufactured . . .

Square Oven, **nearly as wide at rack as at bottom.**

Perfect Oven Ventilation.

Oven-Plates carefully cast and fitted.

Top Oven-Plate **cemented.**

Tinned Steel Wire Oven-Rack; **clean, light, unbreakable.**

Tin-lined Oven-Doors.

Complete Dumping and Shaking Grate, **special Jewel construction**; hinged at back and operated from outside with shaker; escape of ashes, when shaking or dumping, obviated.

Grate supported by dumping bar, preventing it from sagging.

Heavy ribbed and ventilated Linings; Back Lining sectional.

Front Grate in a continuous curve; **very durable.**

Large, smooth Draw-Hearth; pulls out full width.

Ash-Hearth under wood end-door.

Special Wood-Grate to put on top of coal grate; by operating the coal grate with shaker the Wood-Grate is closed or opened.

Coal Linings extend the full length of fire-box so that stove is converted to a wood burner simply by removing the end linings and dropping wood grate on coal grate.

Broiler Swing Feed or Hopper Drop Feed.

Stove furnished with or without **Base Skirting.** White enameled cast Reservoir.

Japanned and illuminated Reservoir Cover.

Reservoir Top flush with top of range.

Reservoir Damper.

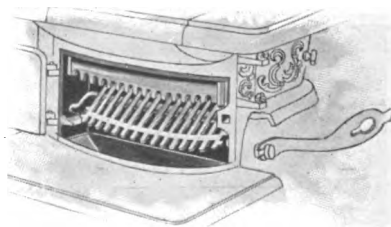
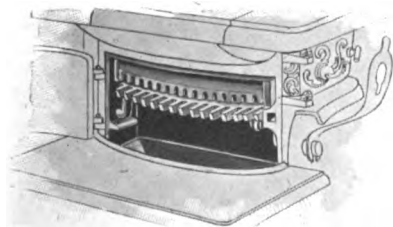
Reservoir Attachment **can be added to the square stove.**

Extra heavy Jewel Covers, one in ring sections; **extra heavy Centers**; **cut Long Center.**

Top-Plate cast in sections to obviate cracking.

Large bailed Ash-Pan.

Vertical Damper; handle removed from reach of flames.



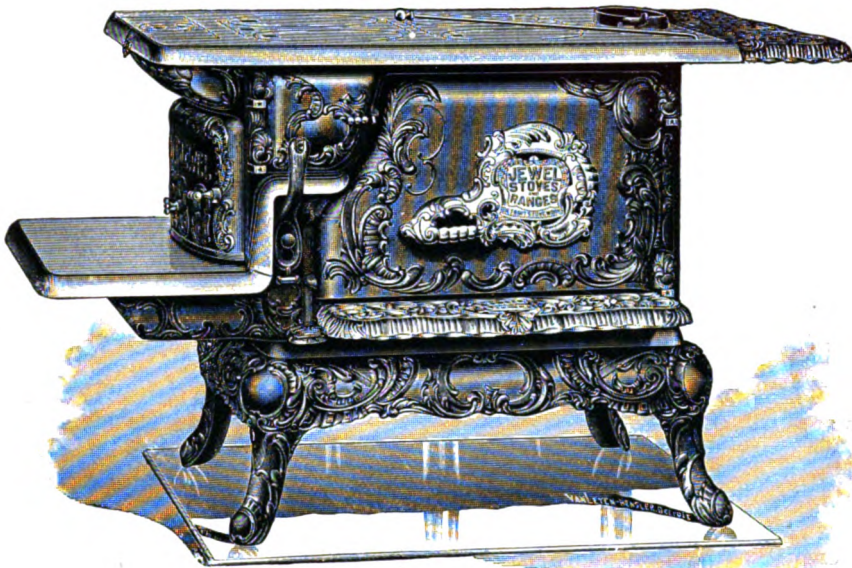
Jewel Dumping and Shaking Grate.

Nickeled Parts as Follows :

Outside Oven-Shelf; Panels on Oven-Doors; Towel Rod; Cover Lifter.

**Largest
Stove Plant
- in -
the World.**

1899



Detroit Jewel.

STYLE A.

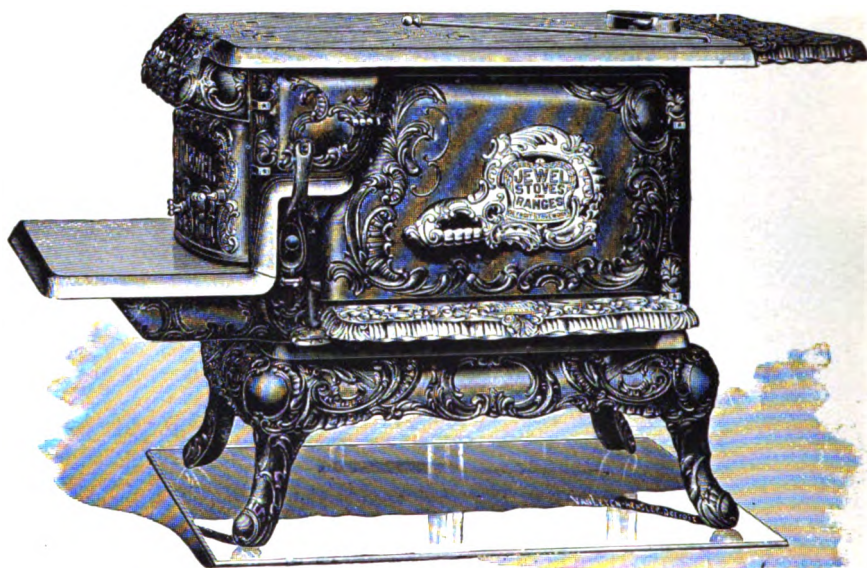
With Hopper Feed.

Square, with End-Shelf.

FOR SOFT COAL, HARD COAL, OR WOOD.

NO.		Ovens.	Weights.	List.	Code.
7-16	Four 7-inch holes.	16 x 18 in.	285	\$28.50	Golf.
8-16	" 8 " "	16 x 18 "	285	28.50	Goliath.
8-18	" 8 " "	18 x 20 "	320	34.25	Gong.
9-18	" 9 " "	18 x 20 "	320	35.25	Good.
8-20	" 8 " "	20 x 22 "	355	40.00	Goose.
9-20	" 9 " "	20 x 22 "	355	41.00	Gopher.
Wood Grate, extra,				.50	Guitar.
If Base-Skirting is not wanted, deduct, list,				1.75	Gay.

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Largest
Stove Plant
- in -
the World.



Detroit Jewel.

STYLE A.

With Brollier Feed.

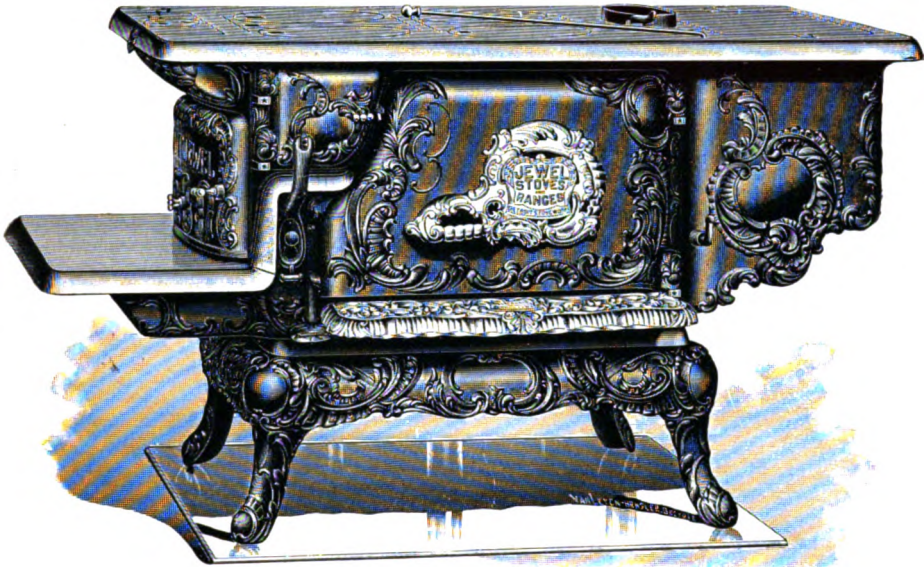
Square, with End-Shelf.

FOR SOFT COAL, HARD COAL, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
71-16	Four 7-inch holes.	16 x 18 in.	290	\$28.50	Gordian.
81-16	" 8 " "	16 x 18 "	290	28.50	Gore.
81-18	" 8 " "	18 x 20 "	325	34.25	Gorgeous.
91-18	" 9 " "	18 x 20 "	325	35.25	Gorilla.
81-20	" 8 " "	20 x 22 "	360	40.00	Gorse.
91-20	" 9 " "	20 x 22 "	360	41.00	Gospel.
Wood Grate, extra, . . . . .				.50	Guitar.
If Base-Skirting is not wanted, deduct, list				1.75	Gay.

**Largest
Stove Plant
- in -
the World.**

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Detroit Jewel.

STYLE B.

With Hopper Feed.

With Reservoir.

FOR SOFT COAL, HARD COAL, OR WOOD.

NOS.		OVENS.	WEIGHTS.	LIST.	CODE.
7-16	Four 7-inch holes.	16 x 18 in.	335	\$41.50	Graduate.
8-16	" 8 " "	16 x 18 "	335	41.50	Graft.
8-18	" 8 " "	18 x 20 "	375	47.25	Gram.
9-18	" 9 " "	18 x 20 "	375	48.25	Grammar.
8-20	" 8 " "	20 x 22 "	425	53.00	Granary.
9-20	" 9 " "	20 x 22 "	425	54.00	Grandam.
Wood Grate, extra,50	Guitar.
If Base-Skirting is not wanted, deduct, list				1.75	Gay

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Largest
Stove Plant
- in -
the World.



Detroit Jewel.

STYLE B.

With Broiler Feed.

With Reservoir.

FOR SOFT COAL, HARD COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
71-16	Four 7-inch holes.	16 x 18 in.	340	\$41.50	Grandeur.
81-16	" 8 " "	16 x 18 "	340	41.50	Grange.
81-18	" 8 " "	18 x 20 "	380	47.25	Grant.
91-18	" 9 " "	18 x 20 "	380	48.25	Granulate.
81-20	" 8 " "	20 x 22 "	430	53.00	Grape.
91-20	" 9 " "	20 x 22 "	430	54.00	Graphic.
Wood Grate, extra, - - - - -				.50	Guitar.
If Base-Skirting is not wanted, deduct, list - - - - -				1.75	Gay.

**Largest
Stove Plant
- in -
the World.** **1899**



Ruler Jewel.

STYLE A.

Square, with End-Shelf.

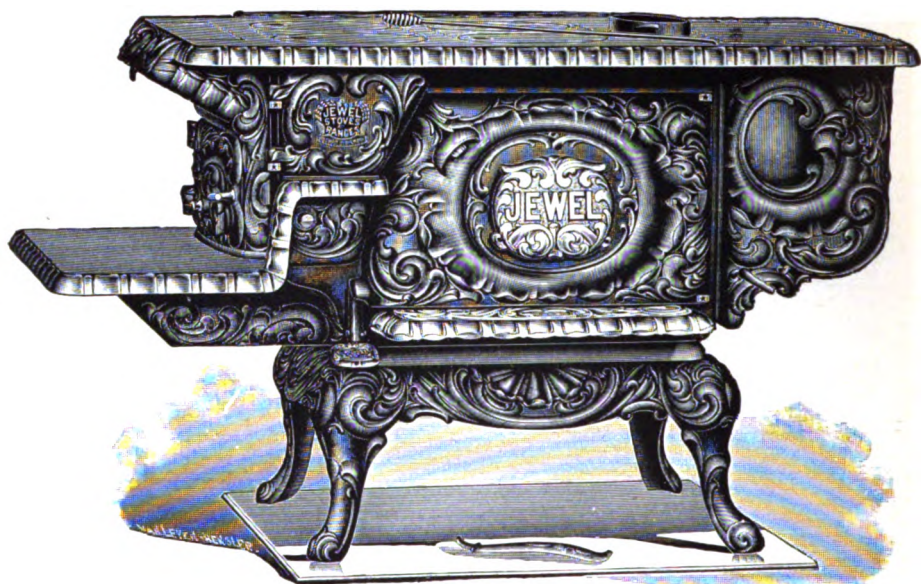
FOR SOFT COAL, HARD COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
7-16	Four 7-inch holes.	16 x 17 in.	215	\$26.75	Grim.
8-16	" 8 " "	16 x 17 "	215	26.75	Grimace.
7-18	" 7 " "	18 x 19 "	290	31.50	Grind.
8-18	" 8 " "	18 x 19 "	290	31.50	Grip.
9-18	" 9 " "	18 x 19 "	290	32.50	Grit.
8-20	" 8 " "	20 x 21 "	340	36.25	Grizzly.
9-20	" 9 " "	20 x 21 "	340	37.25	Groat.
8-22	" 8 " "	22 x 23 "	390	41.00	Grocer.
9-22	" 9 " "	22 x 23 "	390	42.00	Grown.
Wood Grate, extra,				.50	Grove.

For Special Features, see next page.

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**Largest
Stove Plant
- in -
the World.**



Ruler Jewel.

STYLE B.

With Reservoir and Extension Shelf.

FOR SOFT COAL, HARD COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
7-18	Four 7-inch holes.	18 x 19 in.	340	\$43.50	Grope.
8-18	" 8 " "	18 x 19 "	340	43.50	Groping.
9-18	" 9 " "	18 x 19 "	340	44.50	Grotto.
8-20	" 8 " "	20 x 21 "	390	48.25	Ground.
9-20	" 9 " "	20 x 21 "	390	49.25	Group.
8-22	" 8 " "	22 x 23 "	450	53.00	Groupin.
9-22	" 9 " "	22 x 23 "	450	54.00	Grout.
Wood Grate, extra, - - - - -				.50	Grove.

Handsone Modeling, heavy Covers, thick Short Centers, heavy Cut Long Center, heavy Fir Back, Shaking and Dumping Grate, oval-end Fire-Box, durable Fire-Box Linings, roomy bailed As Pan, Spout Feed Front, flush Draw-Hearth, swing Front-Door with Draft-Slide, "Kicker," nickel Stationary Outside Oven-Shelf, nicked Towel Rod, nicked Oven-Door Panel, top Side-Sh on reservoir stove and End-Shelf on square stove, white enameled cast Reservoir, Reservoir T flush with top of stove, japanned and illuminated Reservoir Cover, Reservoir Damper, Leg Ba roomy Oven, steel wire Oven-Rack, cemented top Oven-Plate, aluminized Oven-Doors.

**Largest
Stove Plant
- in -
the World.**

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Stler Jewel.

STYLE A.

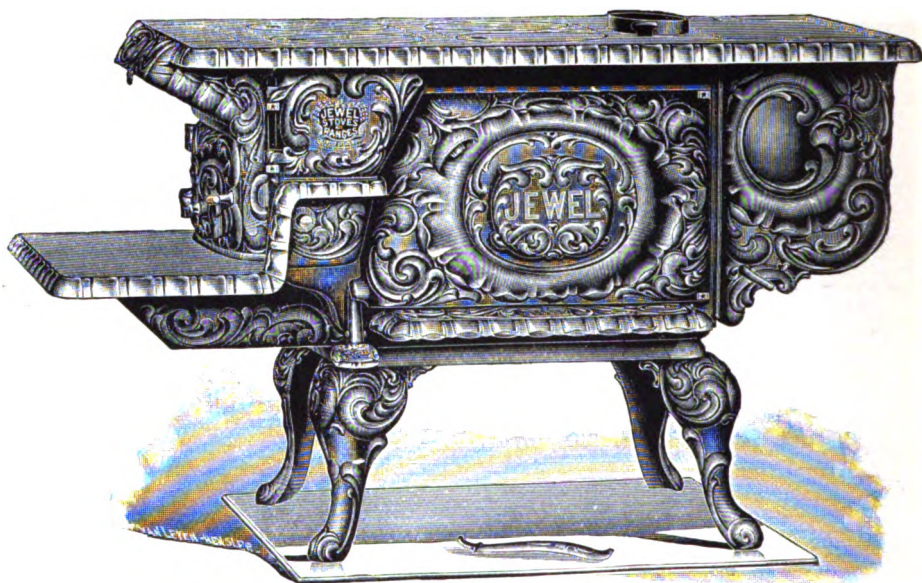
are, with End-Shelf.

COAL, HARD COAL, OR WOOD.

Ovens.	WEIGHTS.	LIST.	CODE.
16 x 17 in.	205	\$21.50	Growl.
16 x 17 "	205	21.50	Grudge.
18 x 19 "	275	26.25	Gruel.
18 x 19 "	275	26.25	Gruff.
18 x 19 "	275	27.25	Grumble.
20 x 21 "	330	31.00	Guarantee.
20 x 21 "	330	32.00	Guard.
22 x 23 "	375	35.75	Guardian.
22 x 23 "	375	36.75	Guelph.
		.50	Guerdon.

next page.

1899
Largest
Stove Plant
- in -
the World.



Rustler Jewel.

STYLE B.

With Reservoir.

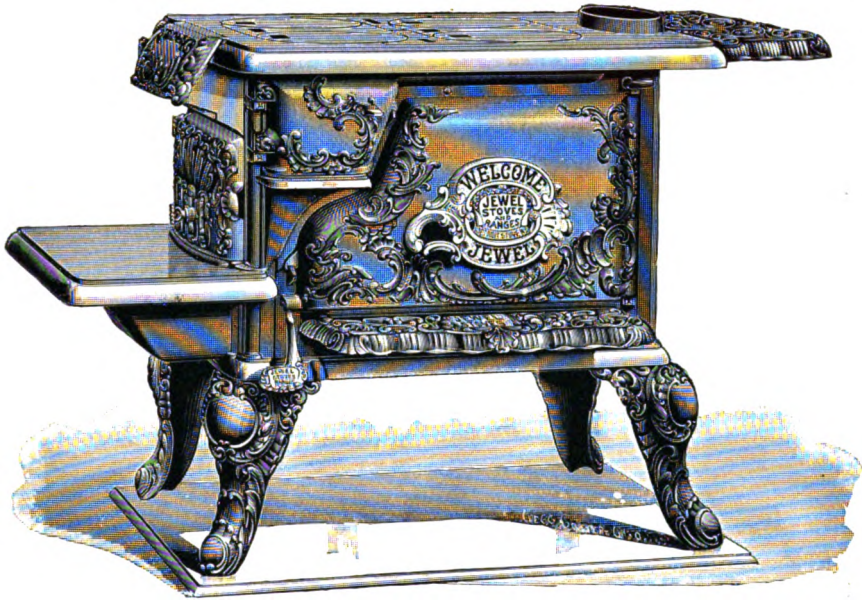
FOR SOFT COAL, HARD COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
7-18	Four 7-inch holes.	18 x 19 in.	325	\$38.25	Guess.
8-18	" 8 " "	18 x 19 "	325	38.25	Guidance.
9-18	" 9 " "	18 x 19 "	325	39.25	Guide.
8-20	" 8 " "	20 x 21 "	380	43.00	Guidon.
9-20	" 9 " "	20 x 21 "	380	44.00	Guinea.
8-22	" 8 " "	22 x 23 "	430	47.75	Guise.
9-22	" 9 " "	22 x 23 "	430	48.75	Gules.
Wood Grate, extra,				.50	Guerdon

Attractive Modeling, heavy Covers and Centers, cut Long Center, oval-end Fire-Box, heavy Fire-Box Linings, Shaking and Dumping Grate, Spout Feed Front, flush Draw-Hearth, swing Front Door with Draft-Slide, "Kicker," Stationary Outside Oven-Shelf, white enameled cast Reservoir, Reservoir Top flush with top of stove, japanned and illuminated Reservoir Cover, Reservoir Damper, End-Shelf on square stove, aluminized Oven-Doors.

**Largest
Stove Plant
- in -
the World.**

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Welcome Jewel.

STYLE A.

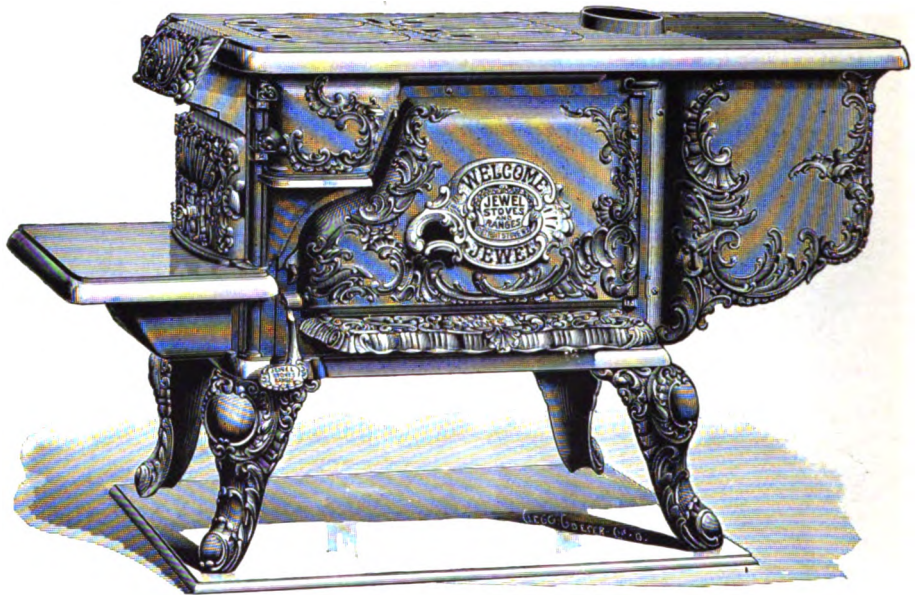
Square, with End-Shelf.

FOR SOFT COAL, HARD COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
72-16	Four 7-inch holes.	16 x 18 in.	230	\$25.00	Grapple.
82-16	" 8 " "	16 x 18 "	230	25.00	Grasp.
82-18	" 8 " "	18 x 20 "	260	29.50	Gratify.
92-18	" 9 " "	18 x 20 "	260	30.50	Gratitude.
Wood Grate, extra, - - - - -				.50	Gravel.

For Special Features, see next page.

**1
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9** Largest
Stove Plant
- in -
the World.



Welcome Jewel.

STYLE B.

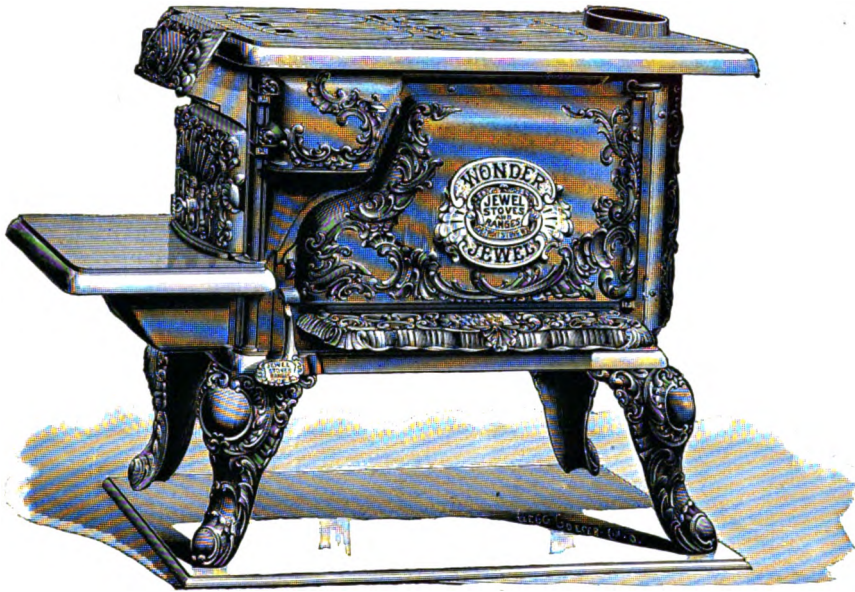
With Reservoir.

FOR SOFT COAL, HARD COAL, OR WOOD.

Nos.		Ovens.	WEIGHTS.	List.	CODE.
72-16	Four 7-inch holes.	16 x 18 in.	285	\$36.50	Gravitate.
82-16	" 8 " "	16 x 18 "	285	36.50	Gravitation
82-18	" 8 " "	18 x 20 "	320	41.00	Grayling.
92-18	" 9 " "	18 x 20 "	320	42.00	Graze.
Wood Grate, extra, - - - - -				.50	Gravel.

Attractive Modeling, heavy Covers, thick Short Centers, heavy cut Long Center, heavy Section: Fire-Back, Shaking and Dumping Grate, oval end Fire-Box, large bailed Ash-Pan, improved Fee and Broiling Door, flush Draw-Hearth, swing Front Door with Draft-Slide, "Kicker" or Automat Pedal Oven-Door Opener, Stationary Outside Oven-Shelf, Reservoir of cast-iron enameled in white. Reservoir Top flush with top of stove, beautifully japanned and illuminated Reservoir Cover, Reservoir Damper, handsome nickeled Oven-Door Panels, tin-lined Oven-Doors.

Largest
Stove Plant
- in -
the World. 1899



Wonder Jewel.

STYLE A.

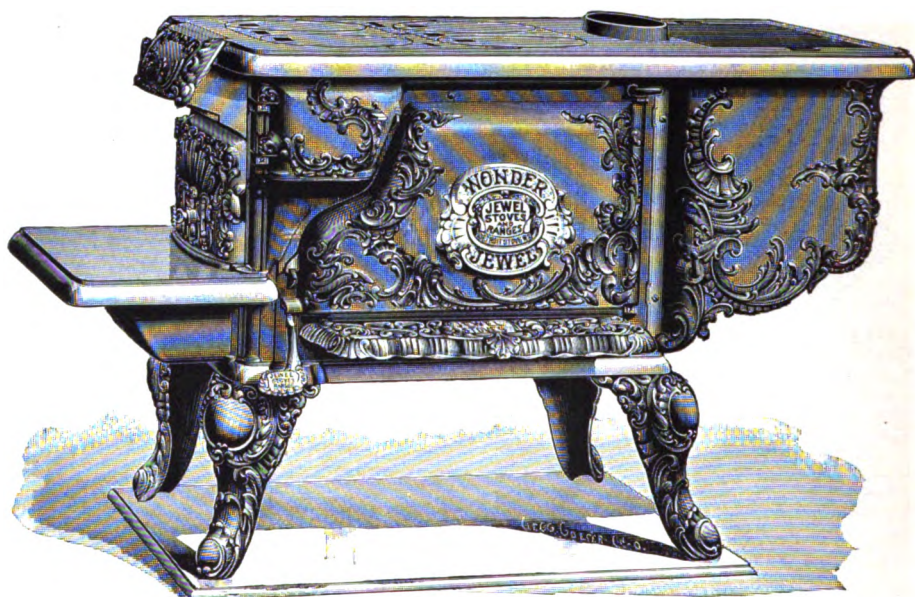
Square.

FOR SOFT COAL, HARD COAL, OR WOOD.

Nos.		Ovens.	Weights.	List.	Code.
72-15	Four 7-inch holes.	15 x 17 in.	185	\$16.00	Greatness.
82-15	" 8 " "	15 x 17 "	185	16.00	Grecian.
72-16	" 7 " "	16 x 18 "	220	19.50	Greed.
82-16	" 8 " "	16 x 18 "	220	19.50	Greek.
82-18	" 8 " "	18 x 20 "	250	24.00	Green.
92-18	" 9 " "	18 x 20 "	250	25.00	Greenland.
Wood Grate, extra, - - - - -				.50	Greeting.

For Special Features, see next page.

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9** Largest
Stove Plant
- in -
the World.



Wonder Jewel.

STYLE B.

With Reservoir.

FOR SOFT COAL, HARD COAL, OR WOOD.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
72-16	Four 7-inch holes.	16 x 18 in.	280	\$30.50	Grenade.
82-16	" 8 " "	16 x 18 "	280	30.50	Greyhound.
82-18	" 8 " "	18 x 20 "	315	35.00	Griffin.
92-18	" 9 " "	18 x 20 "	315	36.00	Grimalkin.
Wood Grate, extra, - - - - -				.50	Greeting.

Attractive Design, durable Covers and Centers, cut Long Center, durable Sectional Fire-Back, Shaking and Dumping Grate, oval-end Fire-Box, Feed and Broiling Door, flush Draw-Hearth, swing Front Door with Draft-Slide, "Kicker," or Automatic Pedal Oven-Door Opener, Stationary Outside Oven-Shelf, Reservoir of Cast-Iron enameled in white, Reservoir Top flush with top of stove, japanned and illuminated Reservoir Cover, Reservoir Damper, aluminized Oven-Doors.



Home Jewel.

Two Styles and Five Sizes.

FOR WOOD ONLY.

The Best High Grade Wood Cook Manufactured

Very large Fire-Box.

Our Interlocking Sectional Fire-Back; **the most durable of Wood Fire-Backs.**

Heavy Swinging Front-Grate or Fire-Guard.

Full length, durable, removable False Fire Bottom.

Large Fire-Door.

Exceptionally large Oven.

Oven-Plates carefully cast and fitted; **no warps or buckles in them.**

Top Oven-Plate covered with **cement.**

Oven-Doors tin-lined.

Perfect Oven Ventilation.

Tinned Steel Wire Oven-Rack; **light, unbreakable, always clean.**

Top-Plate cast in sections.

Extra heavy Jewel Covers, one in ring sections; extra heavy Centers; cut Long Center.

Broad Draw-Hearth.

Rods and Bolts protected from contact with the fire.

White enameled cast Reservoir.

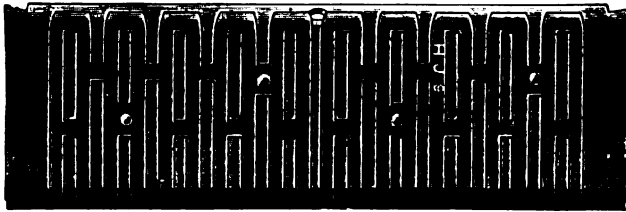
Reservoir Cover japanned and illuminated.

Reservoir Top flush with top of stove.

Reservoir Damper.

Low Front Shelf under hearth.

Top Extension Shelf, for end of square stove or side of reservoir stove.

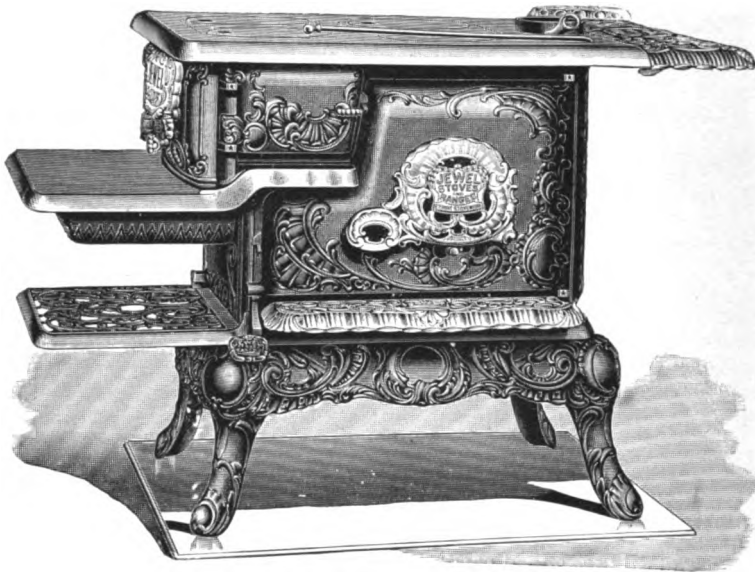


Jewel Wood Fire-Back.

Nickled Parts as Follows :

Burnished steel Edge Band on top-plate (extends across side and front of stove); Panels on oven-doors; Panel on front-door; Swinging Teapot Shelf; Stationary Outside Oven-Shelf (reversible); Knobs; Towel Rod

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Largest
Stove Plant
- in -
the World.



Home Jewel.

STYLE A.

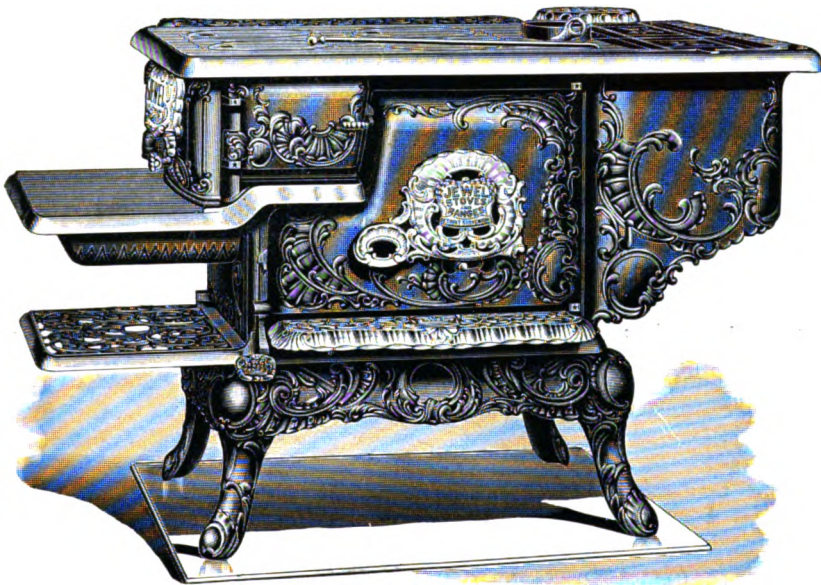
Square, with End-Shelf.

FOR WOOD ONLY.

Nos		Ovens.	Weights.	List.	Code.
81-18	Four 8-inch holes.	18 x 19 in.	290	\$33.75	Hesitate.
81-20	" 8 " "	20 x 21 "	330	39 75	Heyday.
91-20	" 9 " "	20 x 21 "	330	40.75	Hibernate.
81-24	" 8 " "	24 x 24 "	375	45.75	Hickory.
91-24	" 9 " "	24 x 24 "	375	46.75	Hide.

**Largest
Stove Plant
- in -
the World.**

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Home Jewel.

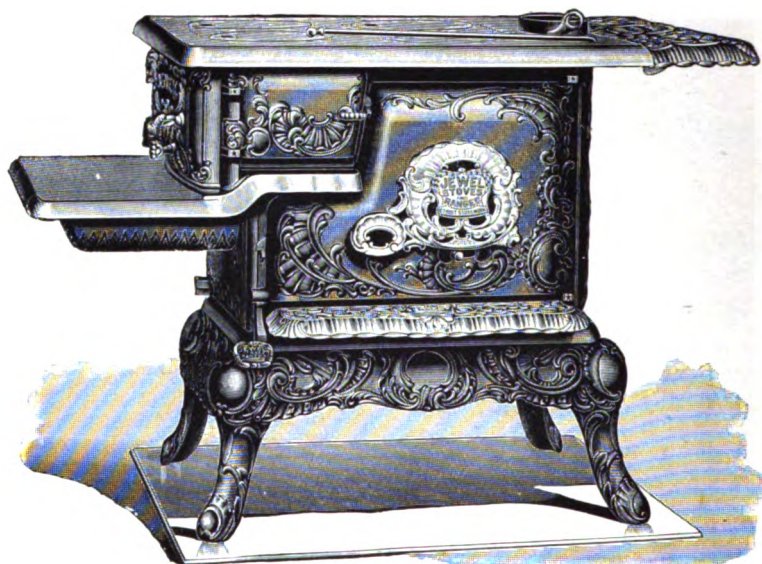
STYLE B.

With Reservoir and Extension-Shelf.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
81-18	Four 8-inch holes.	18 x 19 in.	330	\$46.75	Highway.
81-20	" 8 " "	20 x 21 "	400	52.75	Hillside.
91-20	" 9 " "	20 x 21 "	400	53.75	Hinder.
81-24	" 8 " "	24 x 24 "	465	58.75	Hinted.
91-24	" 9 " "	24 x 24 "	465	59.75	Historian.

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Largest
Stove Plant
- in -
the World.



Marvel Jewel.

STYLE A.

Square, with End-Shelf.

FOR WOOD ONLY.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
81-18	Four 8-inch holes.	18 x 19 in.	270	\$27.75	Hitch.
81-20	" 8 " "	20 x 21 "	300	33.75	Hoarder.
91-20	" 9 " "	20 x 21 "	300	34.75	Hoarse.
81-24	" 8 " "	24 x 24 "	350	39.75	Hobble.
91-24	" 9 " "	24 x 24 "	350	40.75	Hobby.

Steel Wire Oven-Racks, unbreakable, easy to handle, do not hold dust and dirt; extra large Fire Box; large Fire-Door; heavy False Fire Bottom; strong Swinging Front Grate; Top-Plate cut in four pieces; cemented Top Oven Plate; nickeled trade mark panels on Oven Doors; tin-lined Oven Doors; nickeled Towel Rod; flush draw Drop Hearth Plate; heavy Ring Pattern Covers; heavy Short Centers; heavy cut Long Center; Vertical Damper; very large Ovens with wide Racks; Stationary Outside Oven Shelf, reversible; spacious End-Shelf; "Kicker," or automatic pedal Oven-Door Opener; Rods protected from contact with fire by being outside of stove.

**Largest
Stove Plant
- in -
the World.**

1899



Marvel Jewel.

STYLE B.

With Reservoir and Extension-Shelf.

FOR WOOD ONLY.

Nos.		Ovens	Weights.	List.	Code.
81-18	Four 8-inch holes.	18 x 19 in.	315	\$40.75	Hobnob.
81-20	" 8 " "	20 x 21 "	380	46.75	Holiday.
91-20	" 9 " "	20 x 21 "	380	47.75	Holly.
81-24	" 8 " "	24 x 24 "	450	52.75	Homage.
91-24	" 9 " "	24 x 24 "	450	53.75	Homeric.

For Special Features, see preceding page.

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9** Largest
Stove Plant
- in -
the World.



Detroit Jewel.

STYLE A.

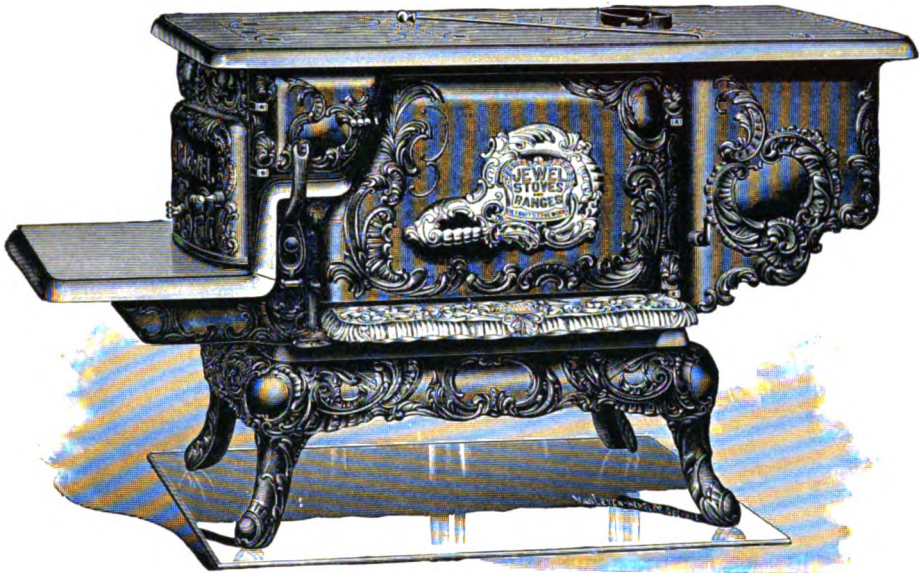
Square, with End-Shelf.

FOR WOOD ONLY.

NOS.		Ovens.	WEIGHTS.	LIST.	CODE.
72-16	Four 7-inch holes.	16 x 18 in.	255	\$26.25	Horoscope.
82-16	" 8 " "	16 x 18 "	255	26.25	Horseman.
82-18	" 8 " "	18 x 20 "	280	32.00	Horticulture.
92-18	" 9 " "	18 x 20 "	280	33.00	Hosier.
82-20	" 8 " "	20 x 22 "	305	37.75	Hospitable.
92-20	" 9 " "	20 x 22 "	305	38.75	Hospitality.

Steel Wire Oven-Rack; large Fire-Box; large Fire-Door; heavy False Fire-Bottom; strong Front Grate; Top Plate cut in four pieces; cemented Top Oven Plate; nicked trade mark panels on Oven Doors; tin-lined Oven Doors; nicked Towel Rod; flush Draw Hearth; heavy Ring Pattern Covers; heavy Short Centers; heavy cut Long Center; Vertical Damper; large Ovens; stationary nicked Outside Oven-Shelf, reversible; spacious End-Shelf; "Kicker," or automatic pedal Oven-Door Opener; Rods protected from contact with fire; white enameled Cast-Iron Reservoir, with japanned and illuminated Cover; Flue Shifting Reservoir Damper.

Largest
Stove Plant
- in -
the World. 1899



Detroit Jewel.

STYLE B.

With Reservoir.

FOR WOOD ONLY.

Nos.		Ovens.	WEIGHTS	LIST.	CODE.
72-16	Four 7-inch holes.	16 x 18 in.	290	\$39.25	Horizontal.
82-16	" 8 " "	16 x 18 "	290	39.25	Horn.
82-18	" 8 " "	18 x 20 "	335	45.00	Hornet.
92-18	" 9 " "	18 x 20 "	335	46.00	Hornless.
82-20	" 8 " "	20 x 22 "	385	50.75	Hornpipe.
92-20	" 9 " "	20 x 22 "	385	51.75	Horologe.

For Special Features, see preceding page.

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**Largest
Stove Plant
- in -
the World.**



Rustic Jewel.

STYLE A.

Square, with End-Shelf.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
7-16	Four 7-inch holes.	16 x 17 in.	195	\$21.50	Humanity.
8-16	" 8 " "	16 x 17 "	195	21.50	Humanize.
7-18	" 7 " "	18 x 19 "	195	26.25	Humble.
8-18	" 8 " "	18 x 19 "	260	26.25	Humid.
9-18	" 9 " "	18 x 19 "	260	27.25	Humidity.
8-20	" 8 " "	20 x 21 "	315	31.00	Humiliate.
9-20	" 9 " "	20 x 21 "	315	32.00	Humility.
8-22	" 8 " "	22 x 23 "	370	35.75	Humming.
9-22	" 9 " "	22 x 23 "	370	36.75	Humor.

For Special Features, see next page.

Largest
Stove Plant
- in -
the World. 1899



Rustic Jewel.

STYLE B.

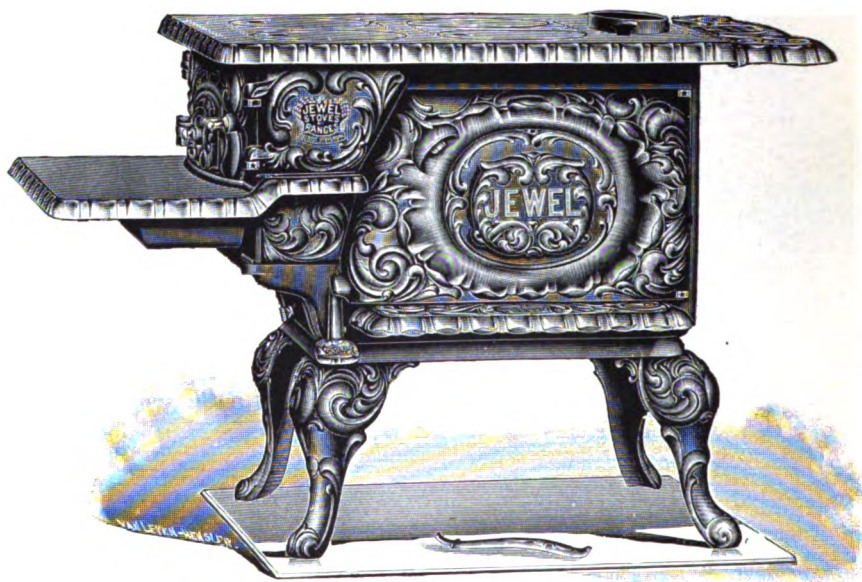
With Reservoir.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
7-18	Four 7-inch holes.	18 x 19 in.	320	\$38.25	Humorist.
8-18	" 8 " "	18 x 19 "	320	38.25	Humorous.
9-18	" 9 " "	18 x 19 "	320	39.25	Hump.
8-20	" 8 " "	20 x 21 "	370	43.00	Hunch.
9-20	" 9 " "	20 x 21 "	370	44.00	Hunger.
8-22	" 8 " "	22 x 23 "	425	47.75	Hungry.
9-22	" 9 " "	22 x 23 "	425	48.75	Hunter.

Handsome Modeling; clean, light, unbreakable Steel Wire Oven-Rack; cemented Top Oven-Plate; large Fire-Box; durable Fire-Bottom; strong Swinging Front-Grate; Top-Plate cast in sections; nicked Panels on Oven-Doors; nicked Outside Oven-Shelf (reversible); Oven-Doors aluminized; nicked Towel-Rod; flush Draw-Hearth; heavy Covers and Centers; cut Long Center; Vertical Damper; End-Shelf on square stove and Side-Shelf on reservoir stove; "Kicker;" Leg Base; Flue-Shifting Reservoir Damper.

1899
Largest
Stove Plant
- in -
the World.



Rural Jewel.

STYLE A.

Square, with End-Shelf.

FOR WOOD ONLY.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
7-15	Four 7-inch holes.	15 x 16 in.	145	\$14.00	Hurdle.
7-16	" 7 " "	16 x 17 "	185	16.75	Hurl.
8-16	" 8 " "	16 x 17 "	185	16.75	Hurrah.
7-18	" 7 " "	18 x 19 "	245	21.50	Hurricane.
8-18	" 8 " "	18 x 19 "	245	21.50	Hurry.
9-18	" 9 " "	18 x 19 "	245	22.50	Hurt.
8-20	" 8 " "	20 x 21 "	305	26.25	Hurling.
9-20	" 9 " "	20 x 21 "	305	27.25	Husbandry.
8-22	" 8 " "	22 x 23 "	365	31.00	Hush.
9-22	" 9 " "	22 x 23 "	365	32.00	Husk.

For Special Features, see next page.



Rural Jewel.

STYLE B.

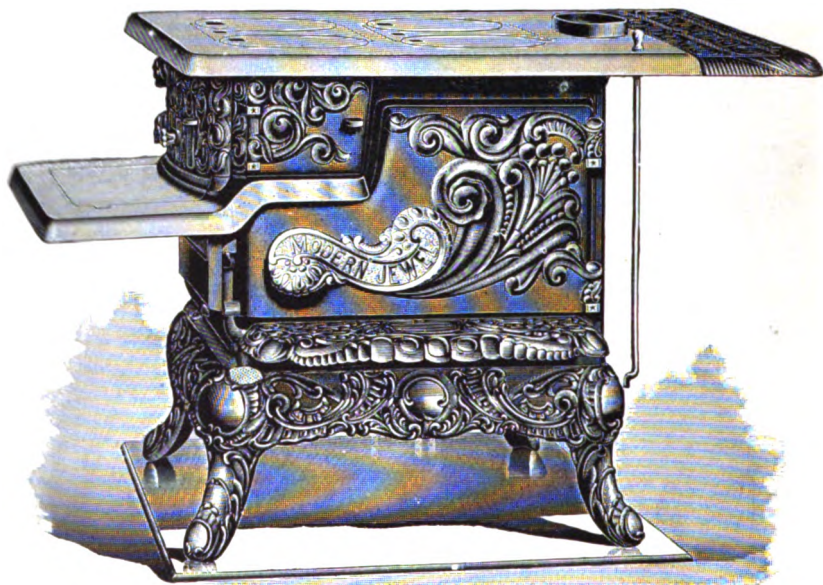
With Reservoir.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
7-18	Four 7-inch holes.	18 x 19 in.	300	\$33.00	Husky.
8-18	" 8 " "	18 x 19 "	300	33.00	Hussar.
9-18	" 9 " "	18 x 19 "	300	34.00	Hustings.
8-20	" 8 " "	20 x 21 "	360	37.75	Hut.
9-20	" 9 " "	20 x 21 "	360	38.75	Hutch.
8-22	" 8 " "	22 x 23 "	420	42.50	Hyacinth.
9-22	" 9 " "	22 x 23 "	420	43.50	Hydrant.

Light, durable Steel Wire Oven-Rack; Oven-Doors aluminized; cemented Top Oven-Plate; roomy Fire-Box; durable Fire-Bottom; durable Swinging Front-Grate; Top-Plate cast in sections; flush Draw-Hearth; heavy Covers and Centers; cut Long Center; vertical Damper; Stationary Outside Oven-Shelf, reversible; End-Shelf on square stove; "Kicker;" Flue-Shifting Reservoir Damper.

**Largest
Stove Plant
in
the World.**



Modern Jewel.

STYLE A.

Square, with End-Shelf.

FOR WOOD ONLY.

With Base-Skirting

Nos.		Ovens.	Weights.	List.	Code.
\$1-18	Four 8-inch holes.	18 x 20 in.	205	\$23.00	Heresy.
\$1-20	" 8 " "	20 x 22 "	230	27.50	Heritage.
Q1-20	" 9 " "	20 x 22 "	230	28.50	Hermit.
\$1-22	" 8 " "	22 x 24 "	280	32.00	Homily.
Q1-22	" 9 " "	22 x 24 "	280	33.00	Hominy.

Nickeled Oven-Door Panels; nickeled Towel-Rod; large Ovens; wide Steel Wire Oven-Rack; extra large cut Top Plate; tin-lined Oven-Doors; cut Long Center with Top-Support; heavy Front Grate; large Feed-Door; ornamental Outside Oven-Shelf, reversible; top End-Shelf with Square Stove; flush Swing Hearth; "Kicker," or pedal Oven-Door Opener; Rods protected from fire by being outside of stove; Cast-Iron Reservoir enameled in white; japanned and illuminated Reservoir Cover; Flue-Shifting Reservoir Damper.

**Largest
Stove Plant
- in -
the World.**

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Modern Jewel.

STYLE B.

With Reservoir.

FOR WOOD ONLY.

With Base-Skirting.

Nos.		Ovens.	Weights.	List.	Code.
81-18	Four 8-inch holes.	18 x 20 in.	260	\$35.00	Hero.
81-20	" 8 " "	20 x 22 "	290	39.50	Heroine.
91-20	" 9 " "	20 x 22 "	290	40.50	Heroism.
81-22	" 8 " "	22 x 24 "	355	44.00	Hone.
91-22	" 9 " "	22 x 24 "	355	45.00	Honey.

For **Special Features**, see preceding page.

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Largest
Stove Plant
- in -
the World.



Modern Jewel.

STYLE A.

Square, with End-Shelf.

FOR WOOD ONLY.

With Legs.

Nos.		Ovens.	Weights.	List.	Code.
7I-14	Four 7-inch holes.	14 x 16 in.	155	\$14.00	Hostage.
7I-16	" 7 " "	16 x 18 "	185	17.00	Hostelry.
8I-16	" 8 " "	16 x 18 "	185	17.00	Hostess.
8I-18	" 8 " "	18 x 20 "	200	20.50	Hound.

For Special Features, see page 100.

Largest
Stove Plant
- in -
the World. 1899



Mesquite Jewel.

STYLE A.

Square.

FOR WOOD ONLY.

Nos.		OVENS.	WEIGHTS.	LIST.	CODE.
7I-14	Four 7-inch holes.	14 x 16 in.	140	\$11.50	Hourly.
7I-16	" 7 " "	16 x 18 "	170	14.50	Housing.
8I-16	" 8 " "	16 x 18 "	170	14.50	Hove.
8I-18	" 8 " "	18 x 20 "	195	18.00	Hover.
8I-20	" 8 " "	20 x 22 "	220	22.50	Howitzer.
9I-20	" 9 " "	20 x 22 "	220	23.50	Hub.

For **Special Features**, see following page.

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Largest
Stove Plant
- in -
the World.



Mesquite Jewel.

STYLE B.

With Reservoir.

FOR WOOD ONLY.

Nos.		Ovens.	Weights.	List.	Code.
81-18	Four 8-inch holes.	18 x 20 in.	245	\$30.00	Huge.
81-20	" 8 " "	20 x 22 "	275	34.50	Hugeness.
91-20	" 9 " "	20 x 22 "	275	35.50	Huguenot.

Roomy Oven; Steel Wire Oven-Rack; large Top-Plate; cut Long Center with top support; durable Front Grate; large Feed-Door; reversible Outside Oven-Shelf; flush Swing Hearth; "Kicker" for opening Oven-Door with foot; aluminized Oven-Doors; Rods protected from contact with the fire; Cast-Iron Reservoir enameled in white; Reservoir Cover japanned and illuminated; Flue-Shifting Reservoir Damper.

Largest
Stove Plant
- in -
the World. 1899



Norway.

Elevated Oven.

FOR WOOD ONLY.

Nos.		WEIGHTS.	LIST.	CODE.
8	Four 8-in. holes on body and two on oven.	230	\$29.00	Haughty.
9	" 9 " " " " "	275	34.50	Haunt.
Leg-Shelf, extra, net,			.50	Haven.

A substantial, durable, and popular Pipe-Top Stove, that always gives satisfaction.

Jewel Range, Jr.



	LIST.	CODE.
Square Top,	\$9.00	Health.
With Reservoir and High-Shelf,	12.50	Healthful.

The **Jewel Range, Jr.**, is a toy range—the best of its class. In size, the body of this range is about 8 x 12 inches. It is modeled after a full-size range, and is complete in all its working parts. It has nickeled door panels and edges, a nickeled leg-frame, and an ornamental shelf.

Each **Jewel Range, Jr.**, is packed in a separate box, together with a kettle, a spider, and a cake griddle.

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Largest
Stove Plant
- in -
the World.

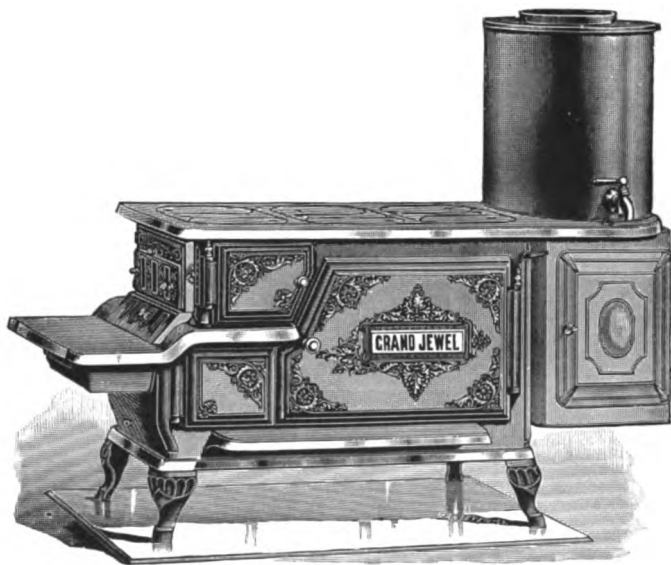
Grand Jewel.

Square.

FOR WOOD OR COAL.



No.		WEIGHT.	LIST.	CODE.
10	For Wood; six 10-inch holes.	510	\$70.00	Havoc.
	Coal Fixtures, extra, - - - - -		5.00	Hawk.



Grand Jewel.

Extension-Top.

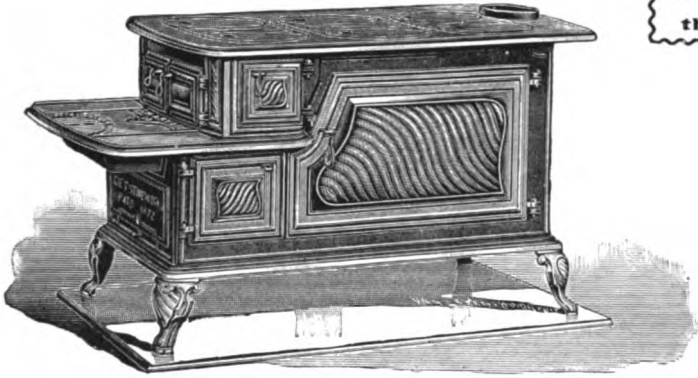
FOR WOOD OR COAL.

No.		WEIGHT	LIST.	CODE.
10	For Wood; six 10-in. holes. (Price includes Reservoir Cover).	550	\$77.00	Hawser.
	Coal Fixtures, extra, - - - - -		5.00	Hawk.
	20-gallon Copper Reservoir, - - - - -		23.50	Hawthorn.
	Tin Warming-Closet, - - - - -		10.00	Hay.

Oven, 37x25x16 inches; Oven-Doors tin-lined; **Fire-Box** takes 28-inch wood; the **Flues** are sufficiently large for any kind of fuel; for burning **Coal**, Heavy Linings and Coal Grates are provided; **Reservoir** is made of 18-ounce planished copper, and has a brass faucet; stove is especially intended for use in **Hotels, Boarding Houses, Lumber Camps**, etc.

Very large Oven, very large Fire-Chamber, very large Fire-Door with Ash-Guard, double Fire-Front, double interlocking Sectional Fire-Back, heavy Fire-Bottom, extra large Ash-Pit, flush Slide-Hearth, nicked Name Plate, Mica Front Door, extra thick and cut Centers, cut Top-Plate, heavy Ring Pattern Covers, cemented Oven-Top, Outside Stationary Oven-Shelf, "Kicker" or automatic pedal Oven-Door Opener, etc.

Largest
Stove Plant
- in -
the World. 1899

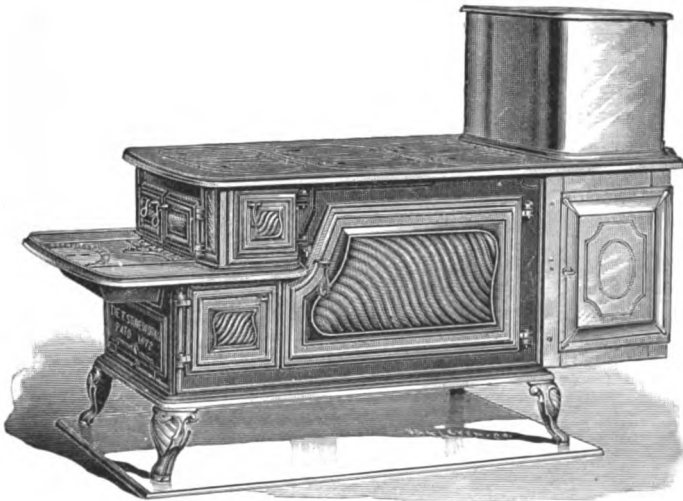


Charter.

Square.

FOR WOOD.

NOS.		WEIGHTS.	LIST.	CODE.
9	Six 9-inch holes, - - - - -	445	\$50.50	Hazard.
10	Four 10-inch and two 9-inch holes, - - - - -	455	52.50	Hazel.



Charter.

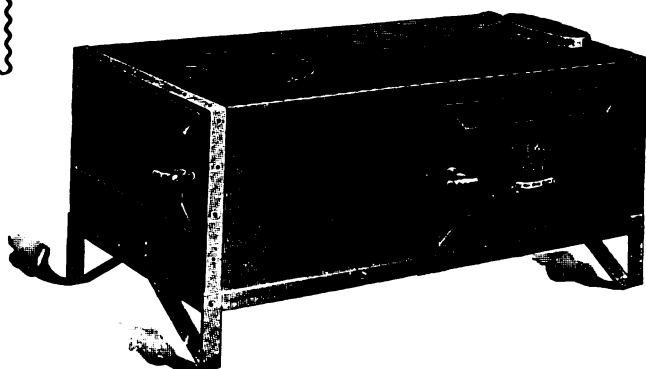
Extension-Top.

FOR WOOD.

NOS.		WEIGHTS.	LIST.	CODE.
9	Eight 9-inch holes, including two under reservoir, - - - - -	510	\$59.00	Head.
10	Four 10-inch and four 9-inch holes, the latter including two under reservoir, - - - - -	515	61.00	Headlong.
	17-gallon Planished Copper Reservoir, extra, - - - - -		18.00	Headstrong.
	Tin Warming-Closet, extra, - - - - -		9.00	Headway.

Oven, 36x24x15 inches; **Fire-Box** takes 26-inch wood; this stove has an **unusually large** Oven and Fire-Box, and is **very heavy and durable**; it is especially suitable for **Lumber Camps, Boarding Houses, and Small Hotels.**

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9** Largest
Stove Plant
- in -
the World.



The Yukon.

A Portable Camp Cooking Stove.

FOR WOOD, KNOTS, BARK, CHIPS, CORN COBS, FEAT, SHAVINGS, ETC.

No.	OVEN.	WEIGHT.	LIST.	CODE.
1	14 x 12 x 7	24	\$11.50	Hum.

The Yukon was specially built by us for the Klondike region. It is particularly adapted for use in camps—mining, military, hunting, fishing, tourists', etc. It is made of sheet steel, weighs only 24 lbs., exclusive of the pipe and is therefore easily portable. It is provided with an Oven, Oven-Flues, and Damper. The Fire-Box is roomy. A Front Door affords a large opening into the Fire-Box. Below the front door is a Draft Slide. Above the Fire-Box is a Cooking Hole with Cover. **Three lengths of Pipe** are packed with each stove, and these telescope together. **The full dimensions** of the Yukon are as follows: Height, 13 in.; Body, 28 x 14 x 10¼ in.; Oven, 14 x 12 x 7 in.; Fire-Box, 14 x 12 x 10 in.



Clifton.

Low-Oven Parlor Cook.

FOR COAL OR WOOD.

Nos.		OVEN.	WEIGHTS.	LIST.	CODE.
7	Two 7-inch holes,	14 x 10 in.	150	\$22.50	Leach.
8	" 5 " "	16 x 11 "	180	28.00	Leader.
9	" 9 " "	18 x 12 "	200	32.25	Leaf.
Wood Fixtures, extra,				.....	League.

The Clifton is one of the most reliable and satisfactory Parlor Cooks made. Its Flue Construction is very similar to that of an ordinary cook stove, and in operation just as practical. The stove has a Swing-Cover, two Griddle Holes and a Short Center directly over the fire-box. Mica Front, Front Feed-Door for coal, Shaking and Dumping Clinkerless Grate, heavy Coal Linings, Swing-Hearth, and Bailed Ash-Pan.

Imperial Jewel.

FOR HARD COAL.

A Strictly First-Class, Double-Heating Base-Burner.

Perfect Base-Heating Flue Construction, **giving quickest and greatest radiation.**

Extra heavy, solid **Rotating Fire-Pot** set well forward, increasing the illuminating power of the stove.

Our Improved Duplex Grate with shaking ring.

Fire-Pot, Grate and Feeder may all be removed for repairs **without dismounting the stove**, through the mica doors.

Automatic Feeder-Cover, which rises and falls simultaneously with the opening and closing of the swing cover.

Mica Lights **extending the full length of the fire chamber.**

Swell Front of very graceful proportions.

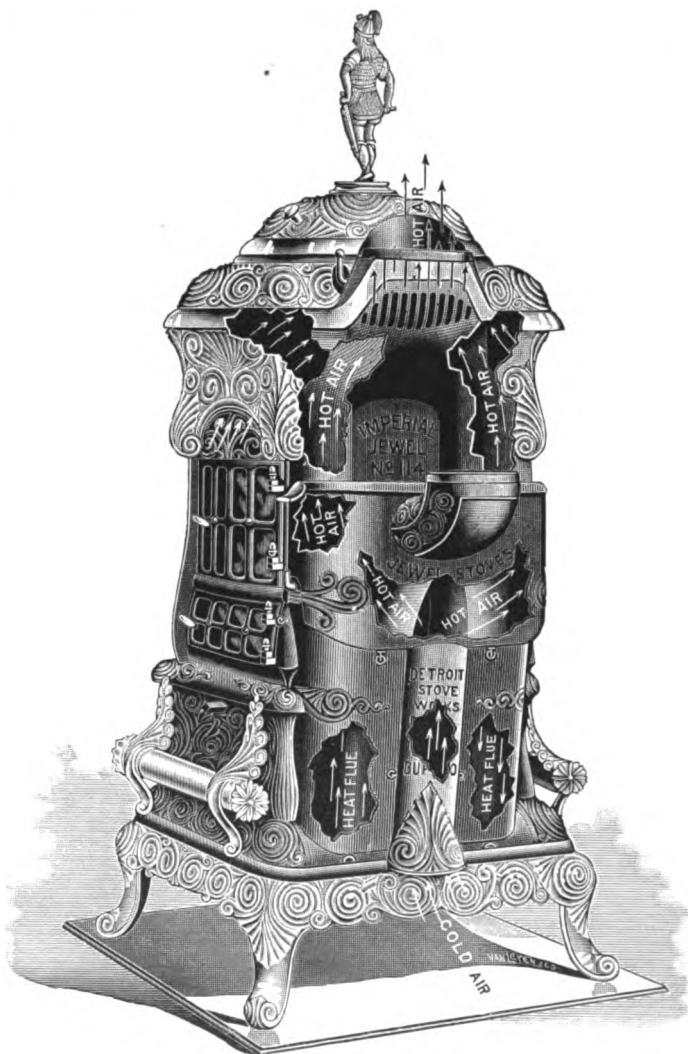
Double-Heating Construction; Hot Air Ventilating Flue, taking cold air from floor; Pipe-Collar at top of this flue, to which pipe may be attached for conveying hot air to upper floor.

Cut-Off Damper at top of hot-air ventilating flue; by turning this damper across the flue, the hot air escapes through openings into lower room when the damper is left open, the hot air ascends to upper floor.

Very large square bailed Ash-Pan Roomy Tea-Kettle Attachment.

Our regular Oven-Flue Construction in oven stove, **effecting even heating of the griddle covers and all sides of the oven**

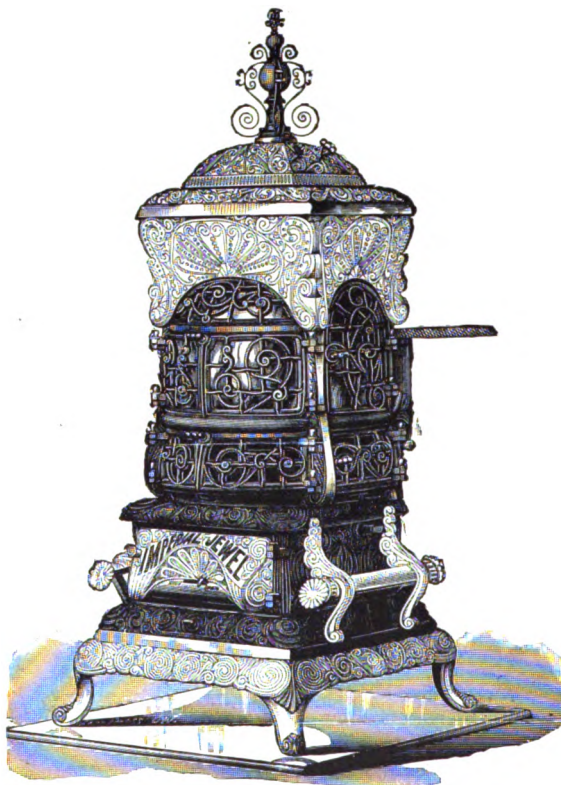
Elegant spun metal Urn with ornamental brass arms.



Nickeled Parts as Follows:

Elegant Swing Cover and massive Top Section, or head; Name-Plate on ash-pit door; handsome Plate on ash pit top; Corner Pieces on corners of fire chamber frame; Corner Caps on flue-base above leg-base; massive Foot-Rails; strong Leg-Base, with interchangeable legs and side sections; Panels on oven-doors of oven stove. (Some of the nickeled parts enumerated are not shown in the illustrations.)

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Largest
Stove Plant
- in -
the World.



Imperial Jewel.

Self-Feeding Base-Burner.

FOR HARD COAL.

Nos.		WEIGHTS.	LIST.	CODE.
313	Inside diameter of fire-pot, 13 in.	390	\$69.00	Imperative.
314	" " " 14 "	450	76.75	Imperious.
316	" " " 16 "	500	84.50	Imperishable.

In addition to the Nickered Parts shown in above cut the stove has an elegant **Nickered Plate** on Ash-Pit Top, two **Nickered Corner Strips** extending full length of Fire-Chamber, and very attractive **Nickered Corner Caps** on Flue-Base above Leg-Base.

Largest
Stove Plant
- in -
the World. 1899



Imperial Jewel.

Self-Feeding Base-Burner, with Oven.

FOR HARD COAL.

No.		WEIGHT.	LIST.	CODE.
314	Inside diameter of fire-pot, 14 in.	500	\$88.00	Impersonal.

By means of our **Flue Construction** even heating of the two 8-inch griddle covers and all sides of the oven is insured. Water will boil equally well over either hole, while the oven operates perfectly. This is true of all our base-burners with oven.

In addition to the Nickered Parts shown in above cut the stove has an elegant **Nickered Plate on Ash-Pit Top**, two **Nickered Corner Strips** extending full length of Fire-Chamber, and very attractive **Nickered Corner Caps** on Flue-Base above Leg-Base.

Ideal Jewel.

FOR HARD COAL.

A Strictly High-Grade, Double-Heating Base-Burner, of Elegant Design.

Perfect Base Heating Flue Construction, giving **quickest and greatest radiation.**

Double-Heating Hot-Air Flue; Collar at top of hot-air flue; to this pipe may be attached for conveying hot air to upper floor; hot-air flue takes cold air from floor.

Hot-air flue provided with Damper; when this damper is turned across the flue, the hot air is discharged into the room; when it is left open, hot air ascends to upper floor.

Fire-Pot, Grates, and Feeder may be easily removed through mica doors, **without dismounting stove.**

Solid Rotating Fire-Pot.

Our Improved Duplex Grate, with shaking ring. Automatic Feeder-Cover, which rises and falls with the swinging of the swing top.

Very attractive Swell Front.

Mica Lights extending full length of the fire chamber, **rendering the stove a brilliant illuminator.**

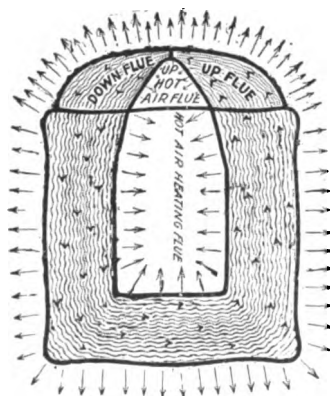
Roomy Tea-Kettle Attachment.

Very large square bailed Ash-Pan.

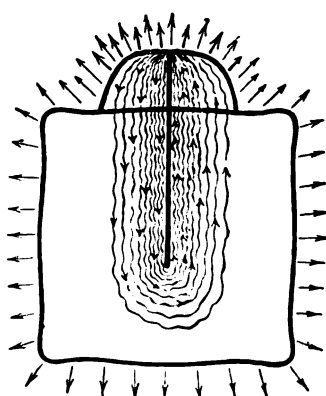
Our regular Oven Flue Construction in oven stove.

Elegant spun-metal Urn.

Jewel Construction.



Other Constructions.



Arrows Show Comparative Radiating Power.

Nickeled Parts as Follows:

Skirting and Legs, heavy Foot-Rails, Name-Plate on ash-pit top, Plate on ash-door, Corner Pieces entire length of fire chamber, massive Top or Head, Swing Top, Hinge Pins, Knobs, and Poker.

Largest
Stove Plant
- in -
the World. 1899



Ideal Jewel.

Self-Feeding Base-Burner and Double-Heater.

FOR HARD COAL.

Nos.		WEIGHTS.	LIST.	CODE.
113	Inside diameter of fire-pot, 13 in.,	365	\$65.50	Impersonate.
114	" " " 14 "	395	72.25	Impersonation.
115	" " " 15 "	430	79.00	Imperspicuous.

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**Largest
Stove Plant
- in -
the World.**



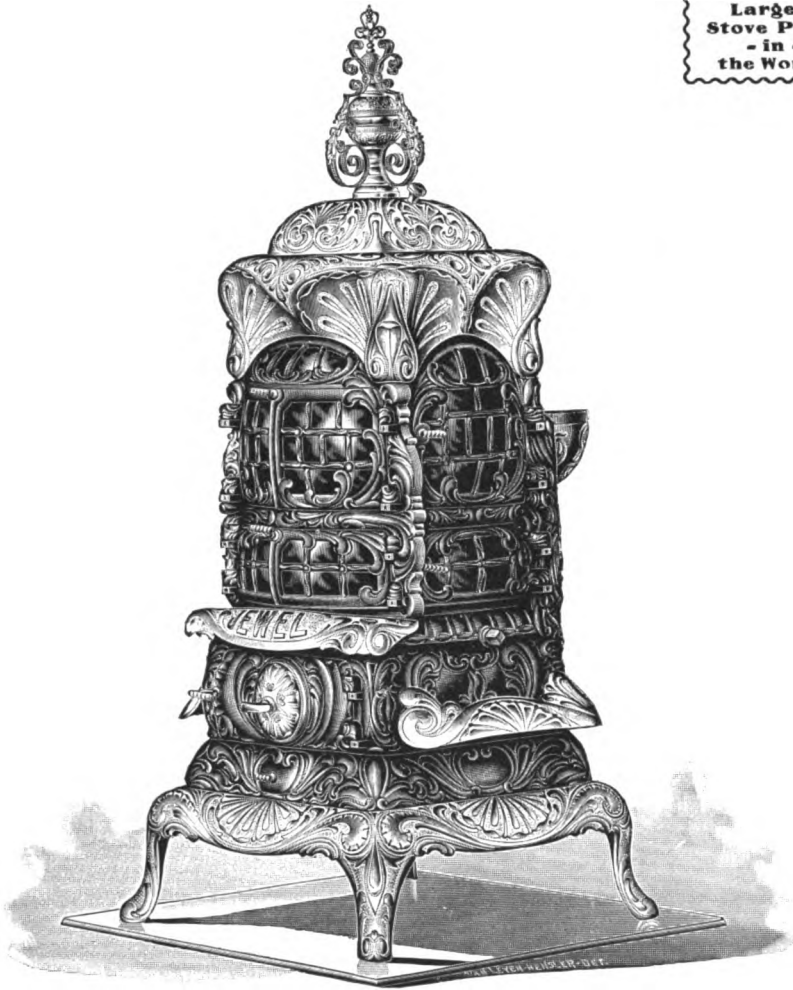
Ideal Jewel.

Self-Feeding Base-Burner, with Oven.

FOR HARD COAL,

No.	Inside diameter of fire-pot, 14 in.	WEIGHT.	LIST.	CODE.
114		450	\$83.50	Impersuadable.

**Largest
Stove Plant
- in -
the World.** **1899**



Regal Jewel.

Self-Feeding Base-Burner.

FOR HARD COAL.

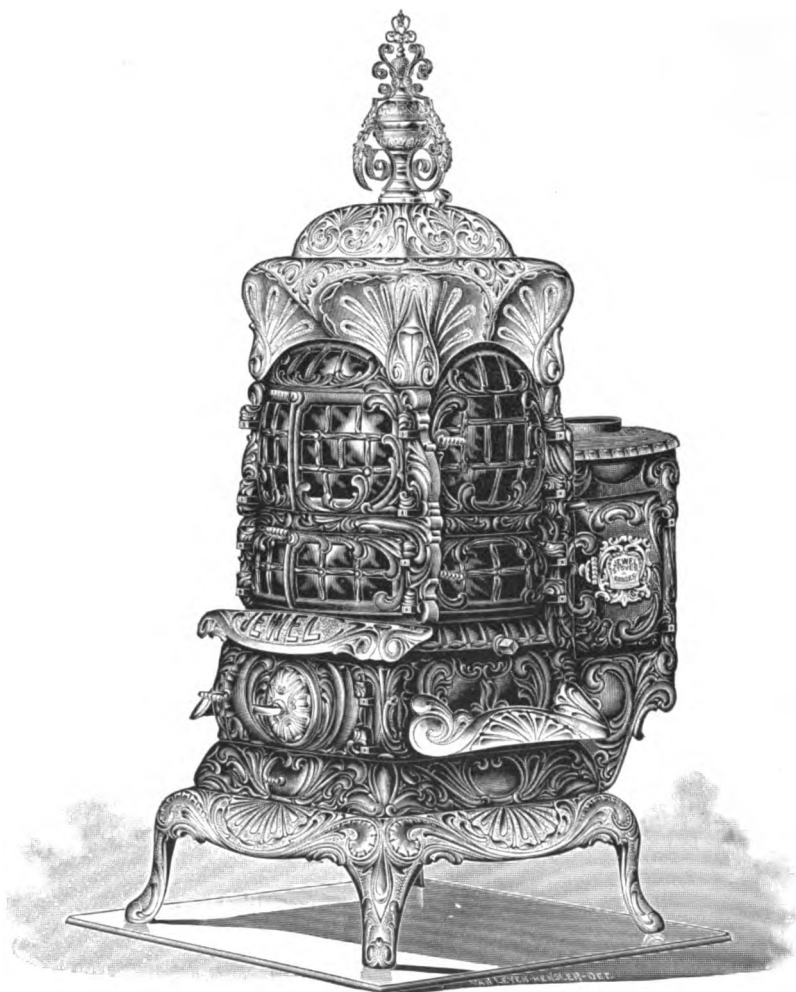
Nos.					WEIGHTS.	LIST.	CODE.
12	Inside diameter of fire-pot,	12 in.			250	\$38.75	Incalculable.
13	"	"	"	13 "	295	45.50	Incantation.
14	"	"	"	14 "	335	52.25	Incense.
15	"	"	"	15 "	380	59.00	Incentive.

A very handsome, durable stove that has **all the practical features** of base-burners of the first-class: Swell Front; large Mica-Light Illumination; Automatic Inside Gas Cover; solid durable Fire-Pot, set well forward; Duplex Grate; Fire-Pot, Grate, and Feeder easily removed; large Tea-Kettle Attachment; large bailed Ash-Pan; air-tight screw Draft-Register; Double Heating Hot-Air Flue, insuring greatest possible heating power; to this flue, pipe may be attached to convey heated air to upper floor; elegant spun brass Urn, with arms.

Nickeled Parts as Follows:

Swing-Cover, Top Section or Head, Name-Plate on the base top, strong Foot-Rails, a Leg-Base with interchangeable legs and side sections, Turn Buckles, etc.

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Largest
Stove Plant
- in -
the World.



Regal Jewel.

Self-Feeding Base-Burner, with Oven.

FOR HARD COAL.

No.		WEIGHT.	LIST.	CODE.
15	Inside diameter of fire-pot, 15 in.	430	\$63.50 7026	Incessant.

Oven heated perfectly; water readily boiled over either griddle-cover.
For other Special Features, see preceding page.

**Largest
Stove Plant
- in -
the World.**

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Signet Jewel.

Self-Feeding Base-Burner.

FOR HARD COAL.

NOS.		WEIGHTS.	LIST.	CODE.
210	Inside diameter of fire-pot, 10 in.	195	\$30.50	Impudent.
211	" " " 11 "	215	35.00	Impugn.
212	" " " 12 "	265	40.00	Impulse.
213	" " " 13 "	325	45.50	Impunity.
212	With Double Heater Attachment at back,	275	41.25	Iambic.
213	" " " " "	335	46.75	Ibex.
210	" Natural Gas Burner and Inner Fire-Pot,	215	33.50	Icarian.
WITH OVEN.				
212	Inside diameter of fire-pot, 12 in.	325	50.00	Importation.
213	" " " 13 "	405	55.50	Inaugurate.

The No. 210 Signet Jewel for Natural Gas has a Gas Burner and an Inner Fire-Pot which reduces the fire-pot diameter to $7\frac{3}{8}$ inches. The burner and the inner fire-pot may be removed at any time, if it is desired to use the stove for coal.

A low-priced stove that has all the practical features that are embodied in first-class base-burners: Automatic Inside Gas Cover protects nickeling on swing-cover; large Tea-Kettle Attachment; Duplex Grate in all sizes except No. 210; large Mica-Light Illumination; Fire-Pot Grate and Feeder easily removed; distinctive and original in Design; extra large Bailed Ash-Pan; perfect Heating-Oven; on oven stove water boils readily over either griddle-cover; handsome spun brass Urn; ornamental Corner Strips.

Nickeled Parts as Follows:

Swing-Cover, Top-Plates, Foot-Rails, Name-Plate, and Leg-Base, all handsomely carved.

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Largest
Stove Plant
- in -
the World.



Radiant Jewel.

Surface-Burning Base-Heater.

FOR HARD COAL.

Nos.		WEIGHTS.	LIST.	CODE.
215	Diameter of drum, 15 in.	395	\$61.00	Importer.
217	" " 17 "	450	70.00	Importune.
219	" " 19 "	525	80.00	Impose.
221	" " 21 "	625	95.00	Imposing.

Top-Oven furnished with Nos. 215 and 217.

Tea-Kettle Attachment furnished with all sizes.

A richly decorated Stove; the only really ornamental Surface-Burner; gives greatest amount of heat from coal consumed; requires no more attention than a Self-Feeding Stove; large Ash-Pit; capacious Ash-Pan; tight-fitting Joints, giving perfect control of combustion; heavy Draw-Center Shaking Grate (can be removed without disturbing Linings); Russia Iron Body protected by heavy Cast Linings; Fire-Brick Linings inside Cast Linings; portable Flue Grate (keeps coal out of back flue); large Feed-Door; **nicked** Base and Legs; **nicked** Front Plate on Ash-Door; **nicked** Foot-Rails; **nicked** Number Plate; **nicked** Plate over Feed-Door; **nicked** Top-Band; **nicked** Shaker and Poker.

Largest
Stove Plant
- in -
the World. 1899



Radiant Jewel.

WITH UPPER SECTION.

Nos.			WEIGHTS.	LIST.	CODE.
217	Mounted	1 $\frac{1}{3}$ sheets high.	475	\$73.00	Impostor.
219	"	1 $\frac{2}{3}$ " "	560	85.00	Imprecate.
221	"	2 " "	690	102.00	Impress.

A Joint of Pipe and Pipe Connection to carry off gas from upper section are furnished with each of the above stoves; (Pipe and Pipe Connection are not shown in cut); Tea-Kettle Attachment with all sizes; Top-Oven furnished on No. 217; Round Water Boiler may be placed in upper section, if desired, but it makes a far better appearance and is more convenient to place a Boiler with Faucet on tea-kettle attachment in rear of stove; Nickeled Plate on upper section in addition to the other nickeled trimmings enumerated on page 118; for Special Features see preceding page.



Solar Jewel.

Air-Tight Base-Heater.

FOR SOFT COAL

The Only Successful Soft Coal Base - Heater

Perfect control of fire.

Air-Tight Construction.

Large Base Flue Section.

Extra large Ash-Pit, with extra large bailed Ash-Pan.

Tight-fitting Ash-Pit Door, with air-tight Screw Draft-Register.

Lower Mica Doors give easy access with poker to fire-pot and grate.

Large Fire-Chamber.

Solid Retort Dome and Pipe Collar cast in one piece.

Ornamental Open-Work Castings covering those parts which are exposed to direct heat.

Fire-Pot **portable**; rests on middle ring; can be revolved; can be easily removed.

Fire-Pot open or fingered, which gives **best possible combustion.**

Heavy Draw-Center Dumping and Shaking Grate.

When Direct-Draft Damper is open, the products of combustion pass upward to the retort dome and through 7-inch pipe-collar and smoke pipe; when this damper is closed, the heat passes downward in rear left flue, which is made very large, and then passes round the base of the stove and up the right back flue to smoke pipe.

Direct-Draft Top Damper opens automatically when the front feed-door is open, so that the stove will not smoke when putting on fresh coal.

Direct-Draft Top Damper can be left open, **securing a perfectly operating direct-draft stove.**

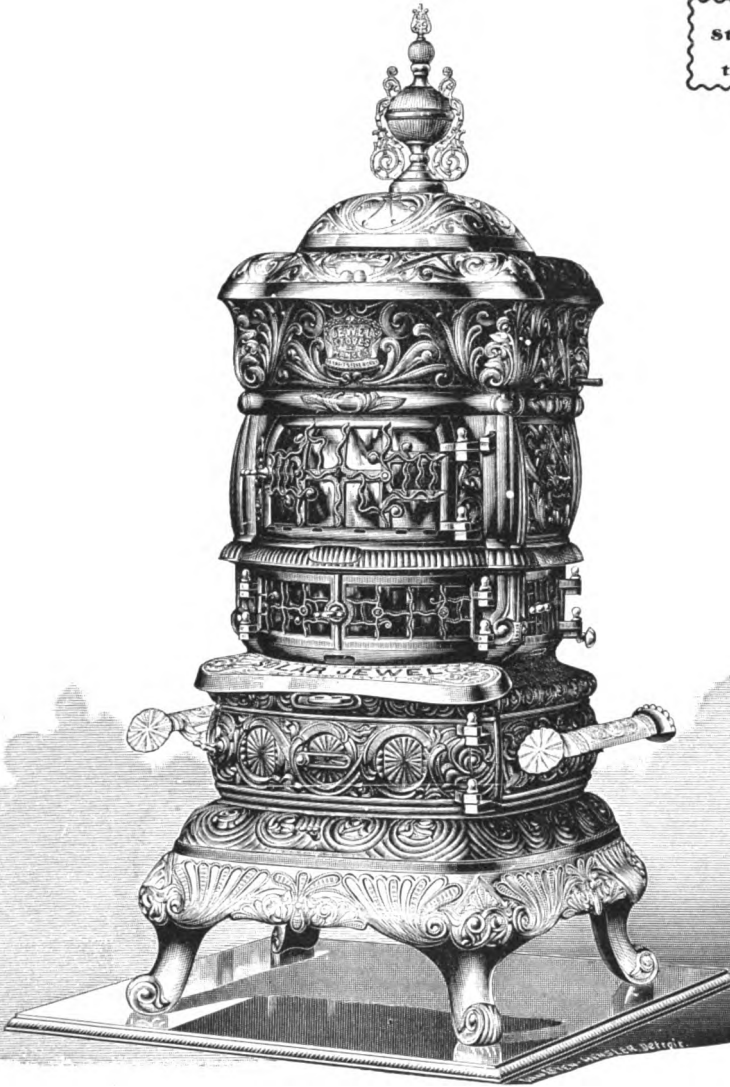
Base Flues **specially built for soft coal**; do not require frequent cleaning, as they are very large.

The Solar Jewel may be had either as a **Single or Double Heater**; the double heater Solar is provided with a pipe hole just above the retort dome; to this, pipe may be attached for conveying hot air to upper floor.

Nickeled Parts as Follows :

Legs and Base; Side Rails; Front Name-Plate; Front Top-Plate;
Swing Cover; Shaker.

Largest
Stove Plant
- in -
the World 1890



Solar Jewel.

Air-Tight Base-Heater.

FOR SOFT COAL.

Single Heater.

Nos		WEIGHTS.	LIST.	CODE.
313	Full Nickel-Trimmed.	305	\$40.00	Jabbering.
314	" " "	340	45.00	Jacamar.
315	" " "	385	51.00	Jacent.

With Double-Heater Top.

Nos.		WEIGHTS.	LIST.	CODE.
413	Full Nickel-Trimmed.	305	\$42.50	June.
414	" " "	340	47.50	Jungle.
415	" " "	385	53.50	Juniper.

The ash-pit door of the Solar Jewel is now provided with a **Screw-Draft Register**, which is **not shown in cut.**

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Largest
Stove Plant
- in -
the World.



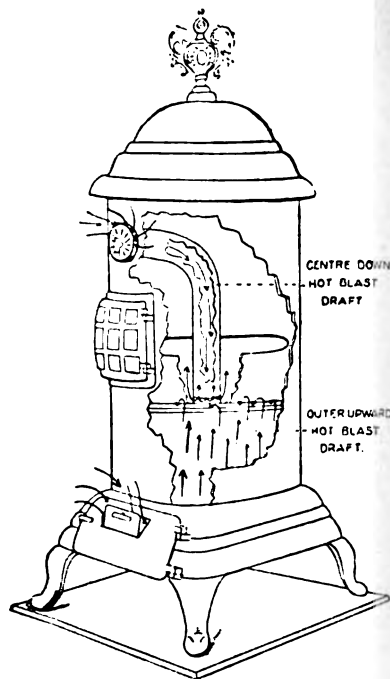
Candent Jewel.

Air-Tight Surface-Burner.

FOR SOFT COAL.

Nos.			WEIGHTS.	LIST.	CODE.
3	Single Heater;	Body of stove 14½ x 14½ in.	225	\$31.50	Julian.
4	" "	" " 16 x 16 "	260	35.75	Jumble.
13	Double Heater;	" " 14½ x 14½ "	230	32.50	Junket.
14	" "	" " 16 x 16 "	265	36.75	Juno.

A first-class Air-Tight Surface-Burner, consisting of a small Furnace enclosed in a strikingly handsome open-work Jacket; furnace part consists of a Fire-Pot and a Dome, both extra heavy and solid, and securely bolted together; durable Draw-Center Shaking Grate, easily operated from the outside; roomy Ash-Pit, and large bailed Ash-Pan; open-work Jacket rests on the base alone, not touching the inner furnace; Jacket may be taken off by removing a few bolts, leaving the interior of the stove intact; only a screw driver required to mount or dismount the whole stove; indestructible. impervious asbestos putty fills joint formed by union of fire-pot and dome; Hot-Blast Down Draft, provided with an air-tight screw register, (not shown in cut); single Opening in ash-pit door for operating shaking grate and for admitting air to fire-pot; Ash-Pit Door has ground edges, and closes directly against sides, top, and bottom of ash-pit, not against exterior casing or jacket; Feed-Door also fastens tightly against dome of interior, not against jacket; Check Damper below pipe collar; stove furnished either as Single Heater or as Double Heater; Double Heater stove provided with pipe-hole directly over dome; to this pipe can be connected to convey hot air to upper floor; Mica Feed Door protected from smoke by sheet of metal gauze; Nickeled Parts as follows: Elegant Top-Plate; handsome Swing Cover: fine Urn, with bronzed arms; two broad Foot-Rails; Draft-Lid and Cam on ash-pit door. **The Candent Jewel is the best operator of its class on the market.**



Carbon Jewel.

An Air-Tight Triple-Draft Surface-Burner.

FOR SOFT COAL.



Largest
Stove Plant
- in -
the World. 1899

Nos.	Diameter of body, 12 in.,
4	" " 14 "
6	" " 16 "
8	" " 18 "
10	" " 18 "

WEIGHTS.	LIST.
150	\$21.00
170	24.00
200	27.00
255	30.00

CODE.
Junto.
Jupiter.
Jurisdiction.
Junius.

A stove that effects Remarkable Results.

The Carbon Jewel operates equally well with either slack or lump coal; it burns up practically all of the fuel, leaving only a small residuum of ashes; it consumes the gases and also the smoke. These results are effected by the triple-draft feature of the stove. Air enters the ash-pit through the draft-lid in ash-pit door. A portion of this air passes direct and cool to the burning fuel through the draw-center shaking-grate, while another portion passing through openings in the cast top of the ash-pit chamber ascends through the circular open space between the fire-pot and the outer jacket, becomes heated in its ascent, and passes over the rim of the fire-pot into the fire-chamber. A third current of air is introduced into the chamber through the hot-blast down draft, becoming heated in its descent. Thus, as the burning fuel receives through the three currents a steady supply of undeteriorated oxygen at all points, the combustion is so perfect that it proceeds equally well whether the coal be slack or lump, and in either case leaves no fuel unconsumed. Moreover, as the oxygen that enters the fire-chamber over the rim of the fire-pot or through the down draft becomes heated on its passage thereto, it mingles instantly in a swirling blast with the gases and smoke, effecting a combustion that completely consumes both. The economy and the great heating power of the stove are made obvious by this brief explanation.

This stove is an air-tight construction because all its parts are carefully fitted, and because the mica feed-door and the ash-pit door are held tightly closed by turn-buckles and the lower draft-lid and upper hot-blast damper are operated by screws.

Elegantly carved Front, Top, and Base; handsome Nickeled Urn with Bronzed Arms; very attractive Nickeled Foot-Rails; bright, burnished Nickeled Top-Band; handsome Mica Feed-Door; roomy Ash-Pit, with Ash-Pan; heavy Fire-Pot separated from jacket by air space; Cast Lining above fire-pot; Draw-Center Shaking Grate; heavy Steel Jacket; ventilated Swing-Cover.

Oak Jewels.

FOR COAL OR WOOD.

In Design and Pratical Features the Best Oak Stoves Manufactured.

Large air-tight Ash-Pit, with bottom sunk so as to permit use of a deep Ash-Pan; this also prevents drawing out of ashes on the floor when removing ash-pan.

Capacious bailed Ash-Pan.

Air-tight hinged Lid, with cam fastening, on ash-pit door: draft regulated by raising and lowering this lid, and grate operated through opening under lid.

Heavy Shaking-Grate, with draw-center dump, for coal.

Patent Cut-Off Grate, with center dump, for wood.

Legs of the 612 and 712 series fastened firmly in place by bolts in connection with usual lugs.

Strong and handsome Leg-Base furnished for 814 and 914 series.

Lower Feed-Door supplied with draft opening, throwing air into the fire chamber and aiding the combustion of the gases of soft coal.

Seven-inch Pipe-Collar on all Oak Jewels except smallest size, which has six-inch Pipe-Collar.

Check Damper in pipe-collar.

Perfect control of fire secured by Draft Opening in ash-door and Check Damper in pipe-collar.

Hot-Air Circulating Flue on back of every Oak Jewel; extends from extreme bottom to extreme top of stove, greatly increasing its heating capacity, and creating circulation of air in the room.

Hot-Air Circulating Flue on 814 and 914 series **very large**, and provided with pipe-collar to which pipe may be attached for conveying hot air to upper floor.

Fire-Pot very heavy and durable.

Drum of Sheet Body Oak Jewels made from finest quality cold rolled steel.

These stoves very **carefully fitted throughout, and carefully cemented** with our Patent Iron Cement, as indestructible as the iron itself.

Our Cast Body Oaks specially recommended for those who take down their stoves during the summer, and put them in places exposed to the weather.

Oak Jewels keep fire longer than any other oak stoves.

Elegantly designed Spun Metal Urn.

Nickeled Parts as Follows :

Large, strong Foot-Rails; large, ventilated Plate on feed-door; burnished Steel Top-Band; Swing Cover. (Oak Jewels of the

814 and 914 series may be had with nickeled Base if wanted).



Largest
Stove Plant
- in -
the World. 1899



Oak Jewel.

With Sheet Body.

FOR WOOD OR COAL.

Nos.				WEIGHTS.	LIST.	CODE.
814	For Wood; diameter of body, 14 in.			200	\$26.25	Knightly.
816	" " " " 16 "			225	30.50	Knit.
818	" " " " 18 "			270	34.75	Knitting.
814	" Coal; " " 14 "			200	27.75	Knock.
816	" " " " 16 "			225	32.00	Knoll.
818	" " " " 18 "			270	36.25	Knot.
If wanted with Nickered Base, add list, - - - - -					3.50	Kent.
Magazine-Feeder extra, No. 814, \$2.25; No. 816, \$2.50; No. 818, \$2.75					- - -	Kingdom.

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Largest
Stove Plant
- in -
the World.



Oak Jewel.

With Cast Body.

FOR WOOD OR COAL.

Nos.		WEIGHTS.	LIST.	CODE.
914	For Wood; diameter of body, 14 in.	215	\$26.25	Kremlin.
916	" " " " 16 "	240	30.50	Kumiss.
918	" " " " 18 "	285	34.75	Kurd.
914	" Coal; " " 14 "	215	27.75	Kurdish.
916	" " " " 16 "	240	32.00	Kutch.
918	" " " " 18 "	285	36.25	Kaffir.
If wanted with Nickeled Base, add list, - - - - -			3.50	Kent.
Magazine-Feeder, extra, No. 914. \$2.25; No. 916, \$2.50; No. 918, \$2.75			- - -	Kingdom.

Largest
Stove Plant
- in -
the World. 1899



Oak Jewel.

With Sheet Body.

FOR WOOD OR COAL.

Nos.				WEIGHTS.	LIST.	CODE.
612	For Wood; diameter of body, 12 in.			160	\$21.75	Kingfisher.
614	" " " " 14 "			175	24.25	Kingliness.
616	" " " " 16 "			195	27.25	Kink.
618	" " " " 18 "			230	31.00	Kinship.
621	" " " " 21 "			315	37.50	Kinsman.
612	" Coal; " " 12 "			160	23.25	Kirk.
614	" " " " 14 "			175	25.75	Kirtle.
616	" " " " 16 "			195	28.75	Kit.
618	" " " " 18 "			230	32.50	Kitten.
621	" " " " 21 "			315	39.00	Knack.

Magazine-Feeder, extra, Nos. 612, \$3.25; 614, \$3.50; 616, \$3.75; 618, \$4.00; 621, \$4.25.

No. 621, \$3.25

Kingdom.
39.00

No. 618, \$

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Largest
Stove Plant
- in -
the World.



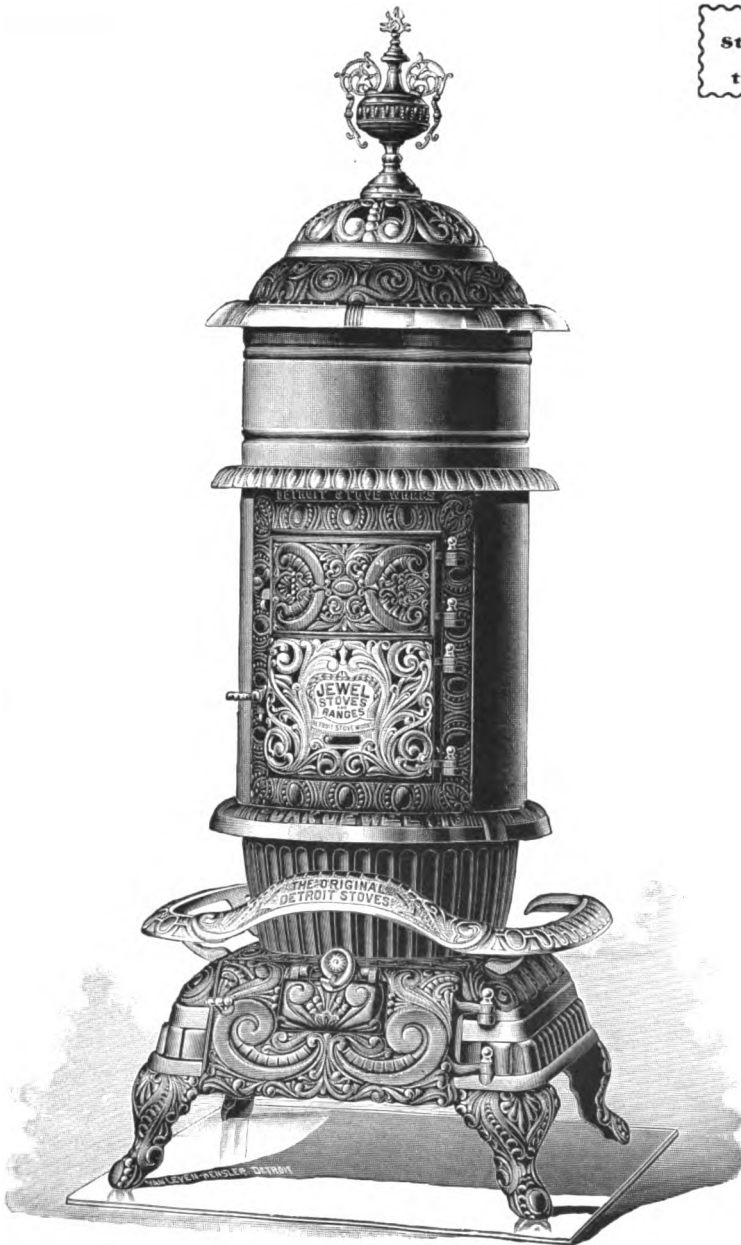
Oak Jewel.

With Cast Body.

FOR WOOD OR COAL.

Nos.					WEIGHTS.	LIST.	CODE.
712	For Wood; diameter of body, 12 in.,				170	\$21.75	Knag.
714	" " " " 14 "				190	24.25	Knave.
716	" " " " 16 "				215	27.25	Knavish.
718	" " " " 18 "				260	31.00	Knead.
712	" Coal; " " 12 "				170	23.25	Knee.
714	" " " " 14 "				190	25.75	Kneel.
716	" " " " 16 "				215	28.75	Knell.
718	" " " " 18 "				260	32.50	Knife.
Magazine-Feeder, extra, Nos. 712 and 714, \$2.25; No. 716, \$2.50; No. 718, \$2.75							Kingdom.

**Largest
Stove Plant
- in -
the World.** **1899**



Oak Jewel.

**1 and 1-2 Sections High; with Sheet Body.
FOR WOOD OR COAL.**

Nos.			WEIGHTS.	LIST.	CODE.
616	For Wood; diameter of body, 16 in.,		220	\$31.00	Kidney.
618	" " " " 18 "		260	34.75	Kill.
621	" " " " 21 "		350	41.25	Kilt.
616	" Coal; " " 16 "		220	32.50	Kindle.
618	" " " " 18 "		260	36.25	Kindness.
621	" " " " 21 "		350	42.75	Kindred.

The **Upper Section** on this stove adds largely to the amount of radiating surface, giving increased heat without requiring additional fuel. The stove is particularly desirable for stores, halls, etc., where there are high ceilings.

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Largest
Stove Plant
- in -
the World.



Live Oak Jewel.

FOR COAL OR WOOD.

Nos.				WEIGHTS.	LIST.	CODE.
10	For Wood; diameter of body, 10 in.,			80	\$13.25	Quad.
12	" " " " 12 "			95	15.75	Quadrangle.
14	" " " " 14 "			115	18.50	Quadrant.
16	" " " " 16 "			140	21.50	Quadrille.
18	" " " " 18 "			175	25.00	Quadruped.
10	" Coal; " " 10 "			80	13.25	Quadruple.
12	" " " " 12 "			95	15.75	Quaff.
14	" " " " 14 "			115	18.50	Quaggy.
16	" " " " 16 "			140	21.50	Quail.
18	" " " " 18 "			175	25.00	Quaint.
Hot-Blast Down Draft, extra, - - - - -					1.00	Quaintness.

Air-tight construction throughout; heavy Cold-Rolled Steel Body; handsome Burnished Nickered Foot-Rail with nickered supports; handsome Burnished Nickered Top-Band; Urn of very attractive design and finish; Ash-Door opens full depth of Ash-Pit, and closes perfectly tight; heavy, durable Fire-Pot; Screw Draft-Register in ash-door; large Ash-Pit close to floor; large Ash-Pan; large Double Feed-Door; Hot-Blast Down Draft (extra) for soft coal.



Station Jewel.

BURNS ANY KIND OF FUEL.

Nos.				WEIGHTS.	LIST.	CODE.
14	Diameter	of fire-pot,	14 in.	200	\$24.00	Jay.
17	"	"	17 "	260	30.50	Jangle.
20	"	"	20 "	325	40.00	Janitor.
17	"	"	17 " with drum,	270	34.50	Japanese
20	"	"	20 " " "	340	44.50	Jar.

Large Feed-Door, with check damper; Shaking and Dumping Grate, with poker-door just above it; large bailed Ash-Pan; upper and lower Cylinders extra heavy, and shaped to allow for expansion without cracking; broad Top Chamber secures large additional radiating surface, throwing heat downward; 9-inch Griddle Opening. A stove that is extra heavy and strong throughout; made for railroad stations, depot offices, warehouses, and other places where stoves are subject to hard usage.

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Largest
Stove Plant
- in -
the World.



WESTERN.



REX.

Western.

FOR ANY KIND OF COAL.

Nos.		WEIGHTS.	LIST.	CODE.
11	Diameter of fire-pot, 11 in.,	80	\$ 9.75	Jargon.
12	" " 12 "	100	12.00	Jasmine.
13	" " 13 "	120	15.00	Jasper.
15	" " 15 "	140	17.75	Jaunty.
17	" " 17 "	165	21.75	Javelin.
20	" " 20 "	205	26.50	Jaw.

A Cannon Stove, with all the latest improvements; Griddle-Cover at the top; large Coal-Feed Door, with Check Register; Shaking and Dumping Grate; large Ash-Pit; Draft Register extending all around base of Fire-Pot, admitting cold air equally to all parts of it at the same time, thus preserving the grate and fire-pot from burning out; Sheet Iron Drum may be applied to top without extra ring.

Rex.

FOR ANY KIND OF COAL.

Nos.		WEIGHTS.	LIST.	CODE.
3	Diameter of fire-pot, 8½ in.,	35	\$4.75	Jump.
4	" " 9½ "	45	6.00	Jumper.
5	" " 10½ "	55	7.50	Jumping.
6	" " 11½ "	65	9.00	Junction.

An improved Cannon Stove; large Coal-Feed Door, with Check Register; Shaking and Dumping Grate; roomy Ash-Pit; Griddle Cover at top

For Rex Laundry, see page 152

**Largest
Stove Plant
- in -
the World.**

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Planet.

Direct Draft.

FOR HARD OR SOFT COAL.

Nos.		WEIGHTS.	LIST.	CODE.
111	Body of stove, 11 x 11 inches.	145	\$18.50	Jolt.
113	" " 13 x 13 "	190	21.00	Joseph.
115	" " 15 x 15 "	220	24.50	Jostle.
Feeders, each, any size, - - - - -		- - - - -	1.50	Jot.

Nickel-plated Spun Urn; open Ventilated Swing-Top, with Griddle-Cover beneath; illuminated Mica Feed-Door, with Check-Register just above it; illuminated Lower Mica Door; handsomely Modeled Cast-Iron Body; strong Nickel-plated Side Foot-Rails; Draw-Center Shaking Grate; large Ash-Pan; handsome Leg-Base; sectional Cast-Iron Linings.

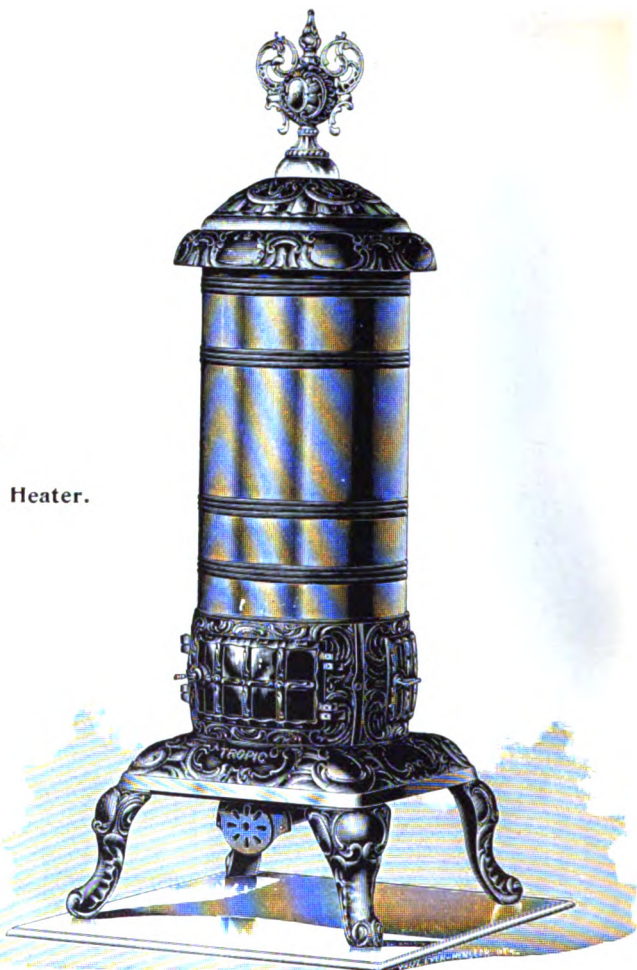
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**Largest
Stove Plant
- in -
the World.**

Tropic Jewel.

A New and Powerful Heater.

**FOR NATURAL OR
MANUFACTURED GAS.**



Nos.		WEIGHTS.	LIST.	CODR.
12	Diameter of body, 12 in.,	130	\$17.00	Neatly.
14	" " 14 "	155	20.00	Neatness.

The Tropic Jewel is built on strictly scientific principles, and is entirely new and unique. It has a powerful Ring Burner, which rests on and is fastened to the cast Bottom Plate of the stove. This plate is reversible, and is held in position by three bolts. By the removal of these bolts the plate may be turned so that the burner will be in position for connecting at any desired side of the stove. A Cold Air Flue extends through the middle of the stove from bottom to top. At its lower end this flue has the shape of a truncated cone with its larger end uppermost. This part of the flue is cast-iron; the longer portion above it is extra heavy sheet steel. At the upper end of the cone-shaped casting is a deflecting plate, which compels the air in its ascent from the floor to pass over the inner surface of the casting. This is kept intensely hot by the ring of powerful flames which play against it on its other surface. A series of "staggering" rings, with openings that do not fall above each other, successively "stagger back" the heat from the flames on its passage toward the pipe-flue. Thus, it will be seen, the air received at the bottom of the middle cold-air flue, before reaching the opening at the top of the stove must pass over a very large surface of intensely hot iron, and must become loaded with heat before it rolls out into the room. Moreover, the "staggering rings" between the jacket and the middle flue have the effect of greatly increasing the radiation of heat from the jacket of the stove. The Tropic Jewel is confidently offered to the trade as being **the most powerful natural gas heating stove manufactured.** It will also be seen that the middle circulating flue of the stove makes it a most efficient circulator of air in any room where it is placed.

An ample supply of fresh air constantly reaches the flames through openings in the cast bottom plate on which the ring burner rests. The air-mixer is easily adjusted so as to produce a perfectly clean blue flame. The surface of the cone-shaped casting against which the ring of flames play is covered with asbestos wool, which gives off a brilliant illumination through the mica doors, making the Tropic Jewel a most cheerful stove. The No. 12 stove has three mica doors, the No. 14 four. Every Tropic Jewel is furnished with a nipple with removable orifice.

The Tropic Jewel is made of Steel Jacket; beautifully modeled outer Cast Work; handsome Cast Urn, in open ventilated Swing Top; a stove of very attractive proportions.

Largest
Stove Plant
- in -
the World. 1899



HEARTH-SIDE.



FIRE-FLY.

Hearthside.

Franklin.

FOR COAL OR NATURAL GAS.

Nos.		WEIGHTS.	LIST.	CODE.
10	For Coal, - - - - -	115	\$14.00	Jocular.
12	" " - - - - -	140	16.25	Jocund.
14	" " - - - - -	185	18.50	Jog.
10	" Natural Gas, - - - - -	120	14.00	Joggle.
12	" " " - - - - -	145	16.25	Join.
14	" " " - - - - -	190	18.50	Jointed.

Heavy Sheet Steel Back; ventilated Swing Top; Nickerled Panel over Mica Front (panel kept from tarnishing by a Plaster Frame); large Sliding Mica Feed-Doors; Swinging Lower Mica Doors; brilliant Illumination; Fire-Brick Linings; Six Tile Settings in side pieces; large Nickerled Foot Rail; large Ash-Pan; Fire-Pot removable without dismounting stove; Draw-Center Shaking-Grate; Griddle-Cover under Swing Top.

When ordering be sure to state which stove is wanted—the coal or the natural gas.

Fire-Fly.

Franklin.

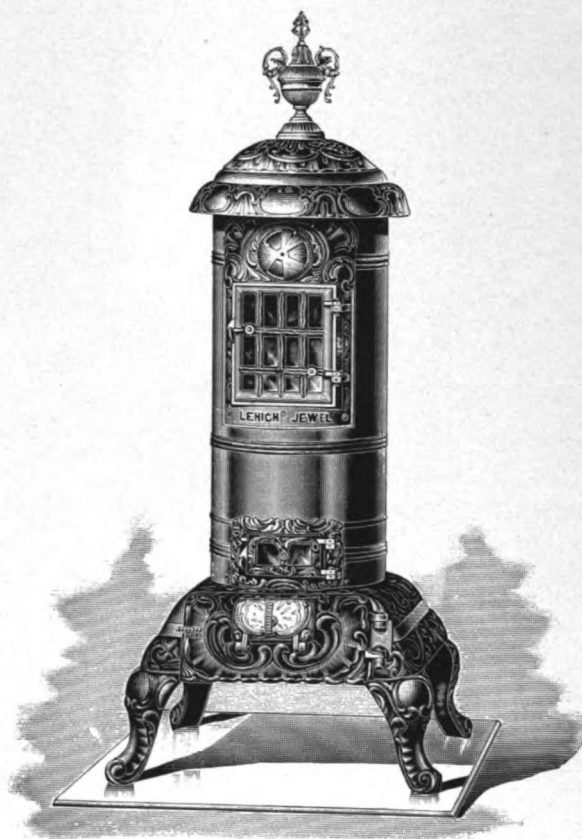
FOR COAL OR NATURAL GAS.

Nos.		WEIGHTS.	LIST.	CODE.
10	For Coal, - - - - -	120	\$15.00	Jubilant.
12	" " - - - - -	140	17.25	Jubilee.
14	" " - - - - -	190	19.50	Judge.
10	" Natural Gas, - - - - -	125	15.00	Judgment.
12	" " " - - - - -	145	17.25	Judicial.
14	" " " - - - - -	195	19.50	Judicious.

Nickerled Top Guard with Tile Settings; heavy Sheet Iron Back; Nickerled Panel over Mica Front (panel kept from tarnishing by a Plaster Frame); large Sliding Mica Feed-Doors; Swinging Lower Mica Doors; Fire-Brick Linings; Six Tile Settings in side pieces; Nickerled Foot-Rail; large Ash-Pan; Fire-Pot removable without dismounting stove; Draw-Center Shaking-Grate; Griddle-Cover on Top.

When ordering be sure to state which stove is wanted.

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Largest
Stove Plant
- in -
the World.



Lehigh Jewel.

Direct Draft.

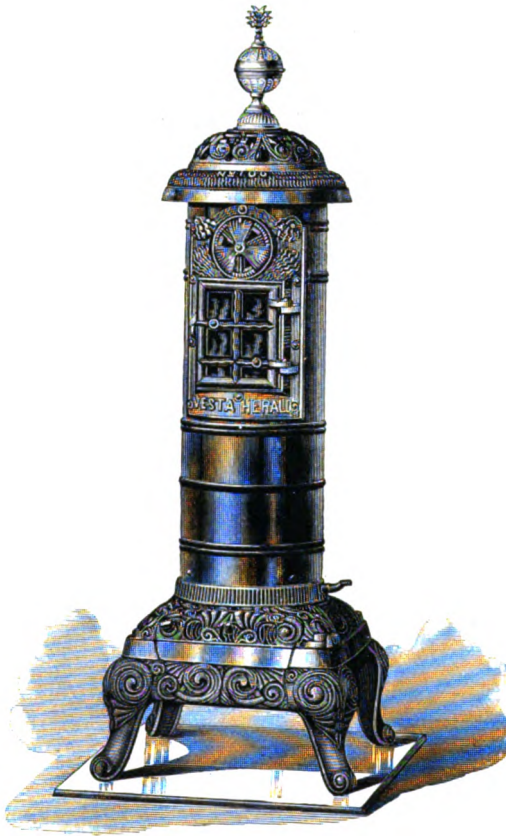
FOR HARD OR SOFT COAL.

Nos.	Diameter of body, 10 inches.				WEIGHTS.	LIST.	CODE.
10					100	\$14.50	Ubiquity.
12	"	"	12	"	120	16.75	Ulan.
14	"	"	14	"	145	19.00	Uterior.

Heavy Planished Steel Jacket; Outer Cast Parts elegantly modeled; handsome Spun Metal Urn; open Ventilated Swing Top, with Griddle-Cover underneath; Check-Register above feed-door; large Mica Feed-Door; large Ash-Pit with large Ash-Pan; Swinging Mica Poker-Door; large, tightly-fitting Ash-Pit Door; Air-Tight Screw Register Draft-Door on Ash-Pit Door; Shaking and Dumping Grate; Brick Linings; a stove of very attractive proportions.

**Largest
Stove Plant
- in -
the World.**

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Vesta.

Direct Draft.

FOR HARD OR SOFT COAL.

Nos.					WEIGHTS.	LIST.	CODE.
109	Diameter of body, 9 inches.				80	\$ 9.50	Joy.
110	"	"	10	"	90	10.50	Joyful.
111	"	"	11	"	100	11.75	Joyless.
112	"	"	12	"	115	13.50	Joyous.

Open Ventilated Swing-Top with Griddle-Cover underneath; Check-Register above Mica Feed-Door; Brick Linings; attractive Spun Metal Urn; Shaking and Dumping Grate; large Ash-Pit, Ash-Pan and Ash-Door; Planished Steel Jacket.



Royal Jewel.

Diving-Flue Base-Heater.

FOR WOOD ONLY.

The Finest Wood Heater Manufactured.

Very elaborate and highly artistic Modeling.

Large Mica Front, rendering the stove a **cheerful illuminator**.

Mica Frame **easily removed** to replace mica.

Full-size oblong Loose Top-Plate, with 8 inch Griddle Cover, under swing top.

Drop Smoke-Plate inside feed-door, which does not obstruct the opening, **keeps smoke from escaping into the room when door is thrown open**.

Very large Feed-Door, with ash-grate that prevents ashes from working out.

Grate of the latest shaking and register pattern: operated by shaker.

Very heavy Cast Linings.

Inside Guard Grating, protecting mica front.

Check and Draft Registers in ash-door and in back of stove afford means for perfect control of fire.

Smoke-Damper; operates automatically on opening and closing feed-door, **creating direct draft** when the door is open, and carrying off smoke.

Beautiful spun metal Urn.

Nickeled Parts as Follows :

Richly modeled Swing-Top; handsome jeweled Front Panel above mica door; three Foot-Rails; Leg Base and Feet. All of the Nickeled Parts well ventilated, and Plaster Frame behind the front panel doubly protects this part.

Largest
Stove Plant
- in -
the World. 1899

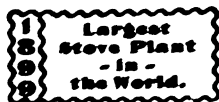


Royal Jewel.

Dividing-Flue Base Heater.

FOR WOOD ONLY.

Nos.						WEIGHTS.	LIST.	CODE.
221	For 21-inch firewood,	-	-	-	-	250	\$39.50	Label.
223	" 23 " "	-	-	-	-	300	45.50	Labor.
225	" 25 " "	-	-	-	-	350	51.50	Lace.



Cottage Jewel.

Diving-Flue Base-Heater, or Direct-Draft Stove.

FOR WOOD ONLY.

A Very Handsome Construction and a Perfect Operator.

The Diving-Flue Base-Heater (821 and 621 series) has a Down Draft in front, spreading at bottom to heat entire base, and a Smoke-Damper which operates automatically when feed-door is opened; the 821 series has a Grate of the best shaking and register pattern, operated from the outside by shaker, and a roomy Ash-Pit with a large bailed Ash-Pan, which is easily removed through lower end-door.

The general features of the three series are as follows: Screw Draft Air-Tight Register in place of draft-lid, as shown in cuts; Mica-Front, giving cheerful illumination; Mica-Frame easily removed; all Plates built on a curve, preventing cracking; Drop Smoke-Apron inside feed-door; oblong Loose Plate with Griddle Hole, under swing-cover; handsome spun metal Urn.

Nickeled Parts as Follows :

The Diving-Flue Base-Heater, 821 series, has nickeled Base and Legs, nickeled Foot-Rail, nickeled Front-Panel, nickeled Swing-Cover. The 721 and 621 series have a nickeled Foot-Rail and a nickeled Front-Plate. All the Nickeled Parts are of very handsome design.

Largest
Stove Plant
- in -
the World. 189



Cottage Jewel.

821 SERIES.

FOR WOOD ONLY.

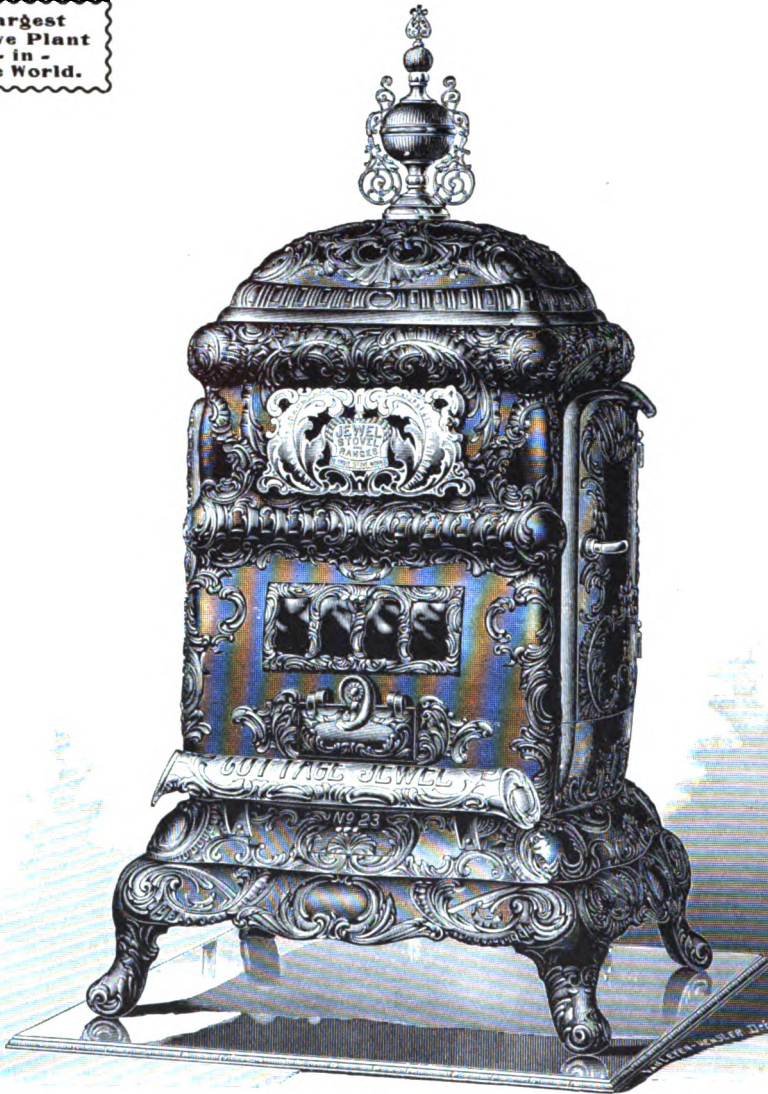
Diving-Flue Base-Heater.

Nos.		WEIGHTS.	LIST.	CODE.
821	For 21-inch firewood,	- - - - 215	\$37.25	Lector.
823	" 23 " "	- - - - 245	43.25	Lecture.
825	" 25 " "	- - - - 285	49.00	Lecturing.

This stove has a Grate of the most modern shaking and register pattern. This is operated from the outside by a shaker. Behind the grate is a roomy Ash-Pit, which contains a large Ash-Pan. The ash-pan is easily removed through the lower end door.

Both this stove and the one on the next page are now provided with a Screw-Draft Register, which is shown in the door and cam shown in the next page.

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Largest
Stove Plant
- in -
the World.



Cottage Jewel.

621 AND 721 SERIES.

FOR WOOD ONLY.

Diving-Flue Base-Heater.

Nos.			WEIGHTS.	LIST.	CODE.
621	For 21-inch fire-wood,	- - -	190	\$31.50	Lance.
623	" 23 " "	- - -	220	37.25	Landau.
625	" 25 " "	- - -	255	43.25	Landmark.
Direct Draft.					
721	For 21-inch fire-wood,	- - -	170	26.75	Landscape.
723	" 23 " "	- - -	200	32.50	Language.
725	" 25 " "	- - -	225	38.50	Langour.

The stove shown herewith is the same in general appearance as the stove shown on the opposite page, except that the Leg-Base and the Swing-Cover are not nickeled. Its other nickeled parts are named on page 140.

This stove is **not supplied** with the Shaking and Register Grate and the Ash-Pan mentioned on the two preceding pages, but it is made in **two series**, as listed above—one with Diving-Flue and the other with Direct Draft.

Both this stove and the one shown on the preceding page are now provided with a **Screw-Draft Register**, which takes the place of the draft door and cam shown in cuts.

Largest
Stove Plant
- in -
the World. 1899



Acme Jewel.

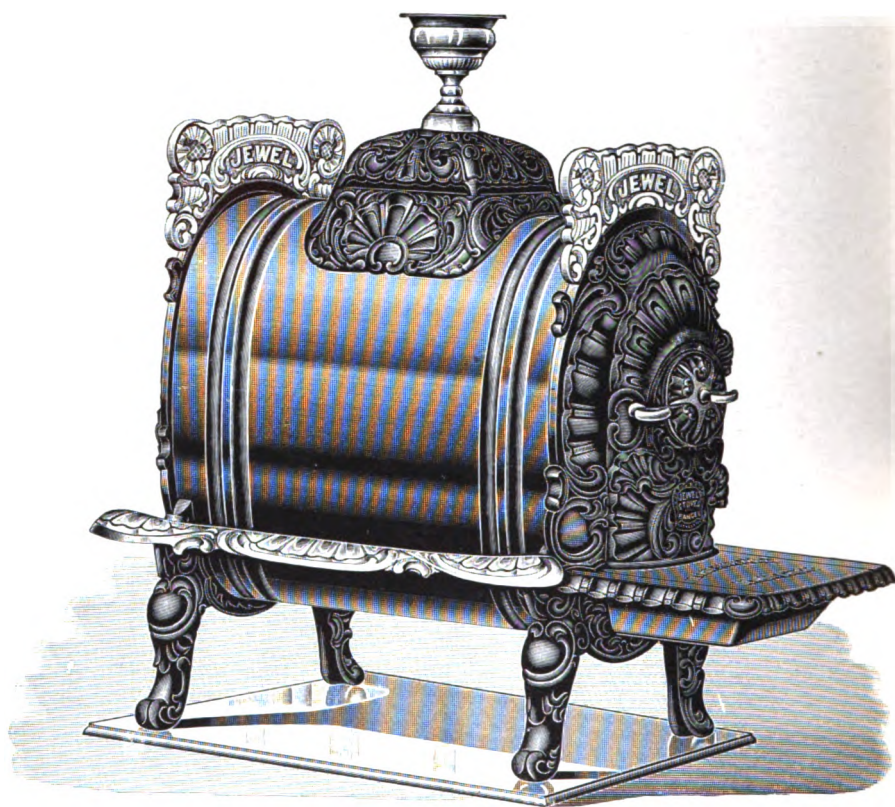
FOR WOOD ONLY.

Nos.					WEIGHTS.	LIST.	CODE.
19	For 18-inch fire-wood,	-	-	-	90	\$11.75	Labrador.
21	" 20 " "	-	-	-	110	14.00	Labial.
23	" 22 " "	-	-	-	125	16.25	Laboratory.
25	" 24 " "	-	-	-	135	18.50	Labyrinth.

Elegant Rococo Craving, making the Acme Jewel the handsomest cheap cottage stove on the market; handsome Nickeled Foot-Rail; attractive Spun Metal Urn; large tight-fitting Fire-Door, admitting very large pieces of wood; open-work Swing Cover; large loose Top-Plate, with Griddle-Cover; tight-fitting Screw-Draft Register; perfect control of fire; all parts tightly fitted; making the stove an excellent fire-keeper.

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Largest
Stove Plant
- in -
the World.



Jewel Todd.

A Full Revertible-Flue Stove.

FOR WOOD ONLY.

NOS.					WEIGHTS.	LIST.	CODE.
126	For 26-inch firewood,	-	-	-	-	\$24.00	Obtuse.
129	" 29 "	"	-	-	-	26.00	Obverse.
132	" 32 "	"	-	-	-	28.00	Obviate.

The handsomest Todd Stove on the market; revertible Sheet Flues rightly proportioned to insure perfect combustion; extra large End-Door; extra heavy Cast Linings, corrugated, easily removed; Swing Cover with Griddle under it; Smoke Curtain, preventing escape of smoke when feed-door is thrown open; Screw-Draft Register in feed-door; all parts tightly fitted; inner Guard, which prevents a down draft, greatly aiding combustion; deep Ash-Pit, fully exposed when the sliding-hearth is drawn out; handsome spun metal Urn; two fine nickeled Crown Pieces; elegant nickeled Foot-Rail.



Nos. 422 AND 425.



Nos. 322 AND 325.

Largest
Stove Plant
- in -
the World. 1899

Woodland Jewel.

FOR WOOD, KNOTS, PEAT, CHIPS, CORN COBS, SHAVINGS, ETC.

With Large End Feed-Door and Ash-Pit.

Nos.		WEIGHTS.	LIST.	CODE.
422	With cold rolled steel body, - - - -	145	\$16.75	Oakum.
425	" " " " " " - - - -	155	18.75	Obesity.

DIMENSIONS.

Bottom Plate, - - - - -	No. 422,	23 x 18 inches.	No. 425,	26 x 20 inches.
Top plate, - - - - -	" "	23 x 18 "	" "	26 x 20 "
Height from floor to base of Urn, - - - -	" "	37 "	" "	40 "

Steel Linings, easily removed; large Combination Swing-Off Top and Cover; Cover extra large; Rods protected by being placed between linings and outer drum; inverted Pipe-Collar—prevents creosote from escaping to top of stove; Hot-Blast Air-Tight Draft Register, operated by Screw—can be held in any desired position, to admit any desired amount of air; Inner Guard providing for down draft; handsome Cast Top-Plate and Cast End; strong, durable curved Cast Base; Draw-Center Grate; large End Feed-Door; extra deep, one-piece Ash-Pit, with large bailed Ash-Pan; air-tight Ash-Door; very attractive Urn; elegant polished steel Foot-Rail, nickeled; **stove a very quick heater and very economical.**

With Large End Feed-Door.

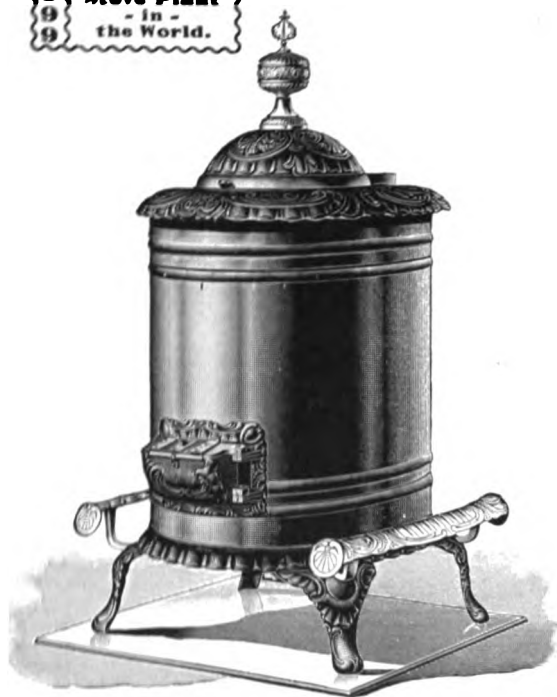
Nos.		WEIGHTS.	LIST	CODE.
322	With cold rolled steel body, - - - -	95	\$12.75	Ocean.
325	" " " " " " - - - -	100	14.75	Obscure.
	Nickeled Foot-Rails, extra, per pair, - - - -	-	2.25	Observant.

DIMENSIONS.

Bottom Plate, - - - - -	No. 322,	23 x 18 inches.	No. 325,	26 x 20 inches.
Top Plate, - - - - -	" "	23 x 18 "	" "	26 x 20 "
Height from floor to base of Urn, - - - -	" "	35 "	" "	38 "

Steel Linings, easily removed; large Combination Swing-Off Top and Cover; Cover extra large; Rods protected by being placed between linings and outer drum; inverted Pipe-Collar—prevents creosote from escaping to top of stove; Hot-Blast Air-Tight Draft Register, operated by Screw—can be held in any desired position, to admit any desired amount of air; Inner Guard providing for down draft; handsome Cast Top-Plate and Cast End; strong, durable curved Cast Base; large End Feed-Door; **two attractive Nickeled Foot-Rails (if ordered); attractive Spun Metal Urn; stove a very quick heater and very economical.**

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Stove Plant
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the World.



WOODLAND JEWEL, Nos. 222 AND 225.



SUN.

Woodland Jewel.

FOR WOOD, KNOTS, PEAT, CHIPS, CORN COBS, SHAVINGS, ETC.

With Swing Draft Box.

NO.		WEIGHTS.	LIST.	CODE
222	With cold rolled steel body,	80	\$10.50	Occur.
225	" " " " " "	90	12.25	Obtrude.
	Nickelod Foot-Rails, extra, per pair,	-	2.25	Observant

DIMENSIONS.

Bottom Plate,	No. 222,	23 x 18 inches.	No. 225,	26 x 20 inches.
Top Plate,	" "	23 x 18 "	" "	26 x 20 "
Height from floor to base of Urn,	" "	35 "	" "	35 "

Steel Linings, easily removed; large Combination Swing-Off Top and Cover; Cover extra large; Rods protected from fire by being placed between linings and outer drum; inverted Pipe Collar—prevents creosote from escaping to top of stove; Hot-Blast Air-Tight Draft and Spark Arrester; Swing Draft Box—renders the removal of ashes easy; Inner Guard, providing for down-draft; handsome Cast Top-Plate; strong, durable, curved Cast Base; two attractive Nickelod Foot-Rails (if ordered); attractive Spun Metal Urn; stove a very quick heater and very economical.

Sun.

FOR WOOD, KNOTS, CHIPS, CORN COBS, PEAT, SHAVINGS, ETC.

NO.		WEIGHTS.	LIST.	CODE
10	Small; body, 10 x 13 inches and 14 inches high.	30	\$6.00	Occupy.
30	Medium; " 21 x 15 " " 20 " "	45	7.00	Obstacle.
60	Large; " 25 x 18 " " 24 " "	55	8.00	Observe.

Smooth finish Steel Body, with heavy Steel Linings; Hot Blast Draft and Castings smooth, tightly fitted, neatly carved. Draft Box swings open for cleaning; positively air tight; Check Draft in Pipe-Collar; Linings removable and can be will warm a room almost instantly; perfect control of fire; large T
nament.

Largest
Stove Plant
- in -
the World. 1899



Sunlight Jewel.

Franklin.

FOR COAL OR WOOD.

No.		WEIGHT.	LIST.	CODE.
13	With Sliding Mica Doors. - - - - -	215	\$25.00	Jocose.

Handsome Urn; ventilated Swing-Top; large Nickered Ornamental Front Panel with Tile Settings (panel kept from tarnishing by a Plaster Frame); large Nickered Wings or Side Pieces with Tile Settings; Porcelain Vaporizing Cup set in Nickered Frame; Hot-Air Ventilating Flue; large Sliding Mica Feed-Doors; Sliding Lower Mica Doors; heavy Linings; Draw Center Shaking Grate; large Ash-Pan; Reversible (Top or Back) Pipe Collar; nickered Hearth; Griddle-Cover under Swing Top.

We confidently recommend the Sunlight Jewel as being **the handsomest and best** Franklin Stove on the market.

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9** **Largest
Stove Plant
- In -
the World.**



(For Wood or Coal.)



(For Natural Gas.)

Twilight.

FOR WOOD OR COAL.

		For Wood.				WEIGHTS.	LIST.	CODE.
Nos.								
17	For 17-inch firewood.	-	-	-	-	75	\$12.00	Liability.
19	" 19 " "	-	-	-	-	90	13.50	Liable.
21	" 21 " "	-	-	-	-	95	15.00	Libation.
		For Coal.						
17	With coal linings.	-	-	-	-	100	\$15.00	Libel.
19	" " "	-	-	-	-	120	17.00	Libelous.
21	" " "	-	-	-	-	135	19.00	Liberal.

Elegant Nickeled and Ventilated Swing-Top; large, loose Top-Plate with Griddle-Cover; large End Fire-Door for wood; large Mica Feed-Door in front for coal; Swing Front Grate for wood; Shaking and Dumping Grate for coal; Draft Damper in ash door; large Ash-Pit; handsome Nickeled Foot-Rail.

FOR NATURAL GAS.

No.		WEIGHT.	LIST.	CODE.
117	Bottom Plate, 15½ x 17½ inches.	95	\$12.00	Liberty.

A perfect Operator; handsome Nickeled Urn; elegant Nickeled and Ventilated Swing-Top; large, loose Top-Plate with Griddle-Cover; Mica Illuminating Front; handsome Nickeled Foot-Rail; handsome Nickeled and Ventilated Panel over mica front.

**Largest
Stove Plant
- in -
the World.** 1899



Cricket.

FOR NATURAL GAS OR WOOD.

Nos.		WEIGHTS.	LIST.	CODE.
15	For Natural Gas.	85	\$9.50	Joist.
15	" Wood,	65	9.50	Jolly.

Nickel-urn; Ventilated Swing-Top; Nick-eled Name-Plate over mica front; Nick-eled Foot-Rail; two Griddle-Covers for cooking; Reversible (Top or Back) Pipe Collar; Mica Front secured by turnkey.

When ordering be sure to state which stove is wanted—the wood or the natural gas.

The **Natural Gas Stove** is shown in the cut; the **Wood Stove** is provided with an end Fire-Door.



Herald Box.

Close-Top.

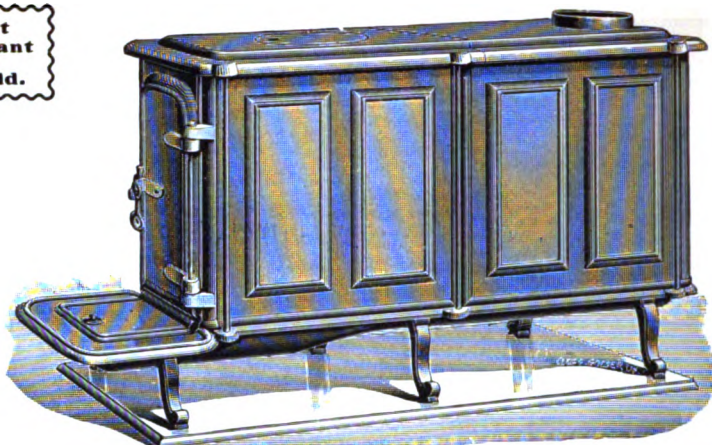
FOR WOOD.

Nos.					WEIGHTS.	LIST.	CODE.
18	With one 6-inch boiler hole.	-	-	-	60	\$5.00	Legation.
22	" two 7 " " "	-	-	-	75	6.25	Legend
25	" " 7 " " "	-	-	-	80	7.50	Leghorn.
28	" " 8 " " "	-	-	-	105	8.50	Legible.
31	" " 8 " " "	-	-	-	110	10.00	Legion.
35	" " 9 " " "	-	-	-	140	14.25	Legislator.
38	" " 9 " " "	-	-	-	150	15.00	Legitimate.

All Plates **curved** to prevent cracking; End-Door full size of stove, **admitting large wood** and obviating a light door frame.

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Largest
Stove Plant
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the World.



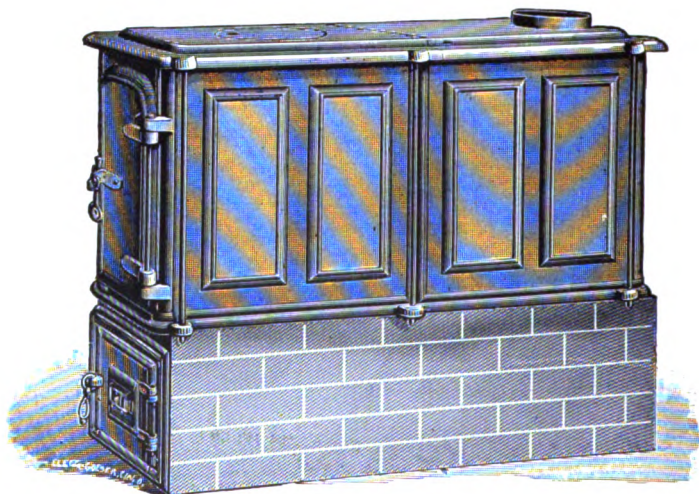
Heavy Box Stove.

FOR WOOD.

SIZES.		WEIGHTS.	LIST.	CODE.
36-inch heavy plate box.	- - - - -	405	\$45.00	Levant
50 " " " "	- - - - -	540	60.00	Level.

Both sizes take 8-inch pipe.

Sides and top made in sections; Rods mounted on the outside. Stove designed for use in depots, warehouses, factories, etc., and often used as hot-air furnace.



Hop-Drying Stove.

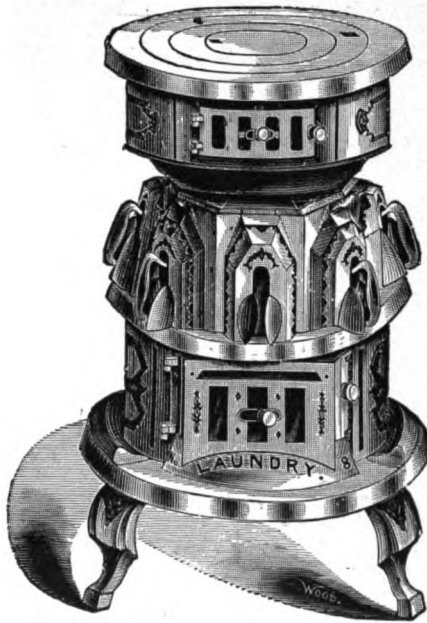
FOR WOOD OR COAL.

SIZES.		WEIGHTS.	LIST.	CODE.
36-inch, furnished to set in bricks.	- - - - -	385	\$45.00	Levite.
50 " " " "	- - - - -	485	60.00	Lexicon.

Both sizes take 8-inch pipe.

Plates and Rods exactly the same as in Heavy Box, but the Hop-Drying stove has a Grate Bottom and Ash-Pit Door (it will be furnished with feet when desired). This stove designed for use in hop-drying houses, tobacco factories, dry kilns, etc.; especially adapted for use as house, store, or church furnace.

Largest	1
Stove Plant	8
- in -	9
the World.	9



Laundry.

FOR COAL.

Nos.		WEIGHTS.	LIST.	CODE.
8	For 8 irons. - - - - -	165	\$27.50	Macadamize.
14	" 14 " - - - - -	195	33.50	Macaroni.

With 9 inch, 12-inch, and 16-inch Boiler Holes.

Adapted for **heating Sad-irons** and boiling at the same time.

Grate shakes and dumps from the outside.

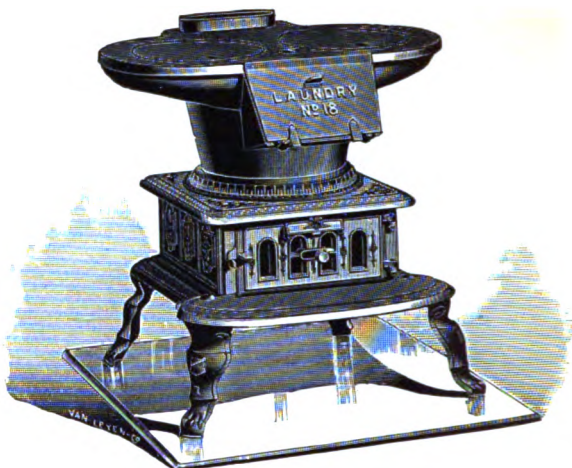
The No. 14 has an **additional section** for holding irons above the one shown in cut.

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Largest
Stove Plant
- in -
the World.

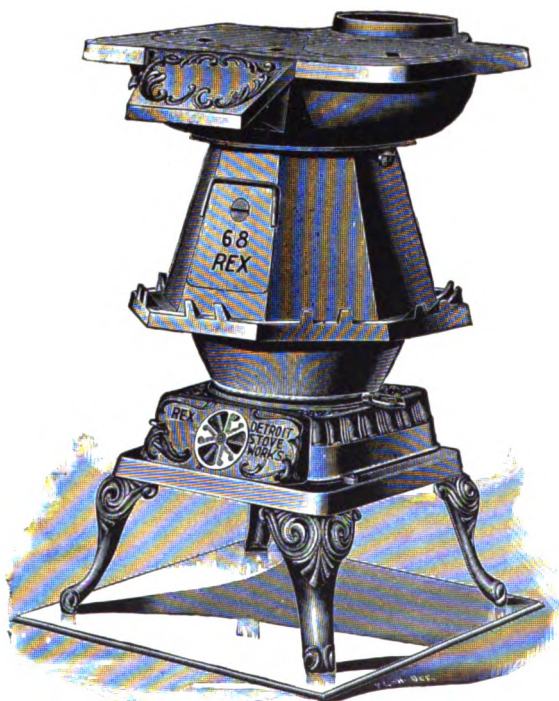
Laundry.

FOR COAL.

No.	WEIGHT.	LIST.	CODE.
118	For 8-inch oval wash boiler,	105 \$11.50	Mace



LAUNDRY No. 118.



REX LAUNDRY No. 68.

Rex Laundry.

FOR COAL.

Nos.	WEIGHTS.	LIST.	CODE.
62	For 8-in. oval wash boiler,	80 \$8.50	Monad.
68	For 8-in. oval wash boiler, and with octagonal upper cylinder for holding irons (see cut)	105 11.25	Magellan.

Each of these stoves holds **six irons** at the top, and the No. 68 Rex Laundry holds **eight additional irons** on the flat surfaces of its upper cylinder.

Each of these stoves is **suitable for light cooking**, as each has two 8-inch griddle covers, which may be removed, together with the center or cross piece, and admit an 8-inch **wash boiler**. The Fire-Pot of the No. 118 and of the No. 62 is so arranged as to bring the bed of the fire up close to the top, heating the irons or boiling the water quickly. The No. 62 Rex is in its general shape like the No. 118. Each stove has a Shaking and Dumping Grate, and the No. 118 has a large Bailed Ash-Pan. Both the No. 62 and the No. 68 Rex Laundry are supplied with a **Deflecting Plate**, which throws the heat against the top of the stove. The lower part of the No. 62 is the same as the lower part of the Rex shown on page 132.

**Largest
Stove Plant
- in -
the World.**



Jewel Street-Car Heater.

All Cast Iron.

FOR COAL OR COKE.

Nos.		WEIGHTS.	LIST.	CODE.
20	Stove, Hardwood Case made from oak, ash, or cherry, with Pipe, Elbows, Chimney, Collar, and Nickered Mountings, complete, - - - - -	145	\$35.00	Obey.
30	Stove, complete as above, and with Coal Drawer at bottom, - - - - -	150	36.00	Object.
50	Stove, complete as above, but with Cast-Iron Case (see cut), - - - - -	210	30.00	Objective.
	Wrought-iron Frame for holding stove on seat, extra, list, - - - - -		5.00	Obedience.
	If stove is wanted without Pipe, Elbows, Chimney and Collar, deduct from above list, - - - - -		5.00	Obeying.

The handsomest, most durable, and most economical Street-Car Stove made.

Has no sheet-iron parts to wear out or rust out.

Will outlast the life of a car.

Costs practically nothing for repairs.

Elegantly modeled.

Elegant^{ly} modeled.

In appearance far in advance of all other street-car stoves.

An ornament in the finest car.

A perfect operator.

Burns coal or coke.

Heats car of any size at about one-tenth expense of electric heating.

Further particulars on application.

Farmers' Boilers.

MOTT'S PATENT.

Furnace and Cauldron Complete.

SIZES.	WEIGHTS.	LIST.	CODE
22-gallon for Wood,	215	\$25.75	Maceration.
30 " " "	265	31.75	Machination.
45 " " "	335	36.75	Machinery.
60 " " "	410	42.25	Mackerel.
90 " " "	610	74.50	Mad.
22 " " Coal,	260	27.50	Madame.
30 " " "	350	36.50	Madrigal.
45 " " "	425	42.25	Magazine.
60 " " "	630	48.50	Magic.
90 " " "	825	85.50	Magistrate.



Mott's Combined Furnace and Cauldron has an established reputation. Answering the same purpose as kettles set in brick, the Furnaces and Cauldrons are much more convenient and economical, and have also this advantage—they are portable. They operate well out of doors, requiring only a joint or two of pipe to give the necessary draft. They are suitable for farmers, butchers, hotels, restaurants, manufacturers of soap, varnish, etc. The coal fixtures consist of a heavy Coal Grate and Brick Linings. Our Boiler is full measurement.



Cauldrons.

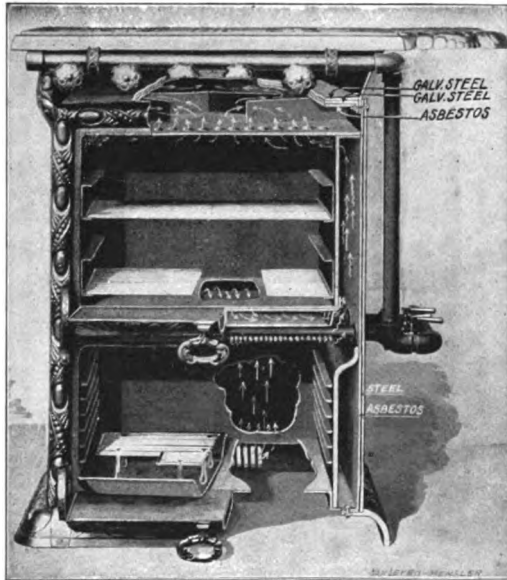
For Mott's Farmers' Boilers.

SIZES.	WEIGHTS.	LIST.	CODE.
22-gallon, - - - - -	60	\$ 7.25	Malabar.
30 " - - - - -	90	9.00	Malady.
45 " - - - - -	115	11.75	Malay.
60 " - - - - -	130	13.75	Malediction.
90 " - - - - -	225	26.25	Malefactor.

Hollow-Ware.

	7-in.	8-in.	9-in.	10-in.
Pots, - - - - -	\$0.75	\$0.85	\$1.00	
Kettles, - - - - -	.65	.70	.85	
Spiders, - - - - -	.30	.35	.40	
Sets, - - - - -	\$1.70	\$1.90	\$2.25	
Iron Tea-Kettles, - - - - -	\$0.80	\$0.90	\$1.00	\$1.25
Long Pans, shallow, - - - - -	.50	.60	.75	
Long Pans, deep, - - - - -	.55	.65	.80	
Cake Griddles, spider handle, - - - - -	.25	.27	.30	
Cake Griddles, with bail, - - - - -	\$0.40	\$0.50	\$0.65	\$0.80

Detroit Jewel Gas Stoves.



Sectional View of a Detroit Jewel.

Some Important Features of the Line.

Body of the highest grade of smooth Cold-Rolled Open Hearth Steel, or All-Cast body.

Body lined throughout with Asbestos.

Oven Top of extra heavy Galvanized Iron, lined with Asbestos.

Galvanized Drip Pan under top burners.

Elegantly modeled Castings made in our own foundries from the best ores; smooth, carefully fitted, and guaranteed not to crack.

Heavy double plate Nickeled Work.

Top-Plate extra large, with two ornamental shelves at sides; either shelf may be attached at the back.

Falling or Swing Doors; falling doors carefully poised so that they may be opened or closed without jarring the range.

Oven Door Balancing Spring very simple, covered and always clean.

Falling Doors open flush with the oven bottom, and have a face of perfectly smooth steel without projections.

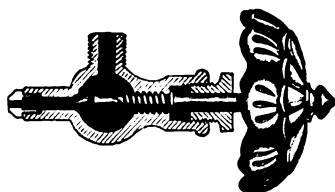
Pipe construction extremely simple; entire pipe-work may be easily and quickly taken off; so arranged that a water-heater or a broiler can be added at any time.

Top Burner Valve Handles all placed in front—the most convenient position.



Top Burner.

Screw Needle Valves or Lever Handled Valves; needle of screw valve has a good thread, and is surrounded with asbestos packing, which is kept in place by washer; needle is very quick and permits turning the flame very low.



Valve and Needle—Sectional View.

Valve provided with **Removable Tip** containing the orifice for gas outlet; tip easily changed, if necessary, to adjust stove to extreme pressures.

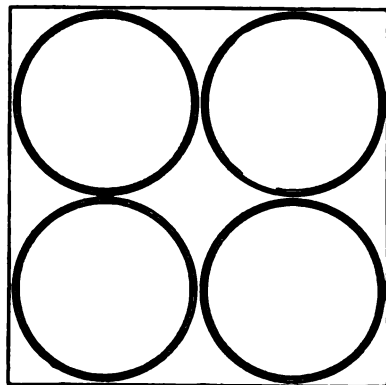
Mixing Chamber in one piece, obviating leaky joints and obstructing shoulders; is provided with an adjustable cap for controlling the supply of air.

Drilled or Sawed Burners; our standard is a **Drilled Burner**, which shows the most economical results.

Burners do not pop back and burn inside; operate perfectly.

One of the four **Top Burners** is of double capacity, and has a **Simmering Burner** at the middle for keeping food warm.

Oven, Water-Heater, and Broiler Burners very powerful and each provided with a **Lighter**.



Detroit Jewel Square Oven.

Low Top Grates, insuring the greatest economy and still not interfering with perfect combustion.

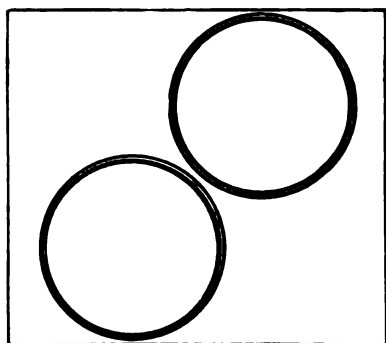
Top Grates made so that they expand and contract without cracking.

Sides and Back of Top Burner Chamber closed.

Square Ovens, which permit the use of four tins.

Special Oven Flue Construction, which prevents burning of foods at bottom and promotes even heating throughout the oven.

Wire Oven Rack; strong, clean, and light.



Ovens that are Not Square.

Lower Oven, or Broiling Chamber, provided with a closed bottom.



Detroit Jewel Gas Stoves.

NEW 12 SERIES.

An Elegant Stove; the Most Complete Gas Range Manufactured.

Interlocking Construction; Side Linings, Back Lining, and Bottom of upper oven can be removed without removing a single screw or bolt; in like manner the Bottom of the lower oven can be lifted out; Top Burners held in position by tongues, which fit into sockets, and can be lifted from position in an instant without the removal of a bolt or screw, as can also the Oven Burners, which are cast in one piece; other parts of the range as easily removed.

Double or Giant Burner **placed at the rear.**

Powerful Water-Heater, with iron or brass coil.

Oven Lighter T-shaped; conveys flame direct to oven burners, and is controlled by separate valve; water-heater and high broiler Lighters are simply extensions of the burners, and so **the burners are lighted direct.**

Springs which poise upper and lower oven doors **placed near the floor**, where they cannot be affected by the heat.

Top of range extra large and wide.

Range furnished with four or with six Top Burners.

Side Attachments are **interchangeable**; can be arranged to suit everybody; any one, two, or three of them can be placed on the body of the range.

Body of highest grade of smooth Cold-Rolled Open Hearth Steel; interlined throughout with Asbestos.

Oven Top of extra heavy Galvanized Iron, interlined with Asbestos.

Light, convenient, strong tinned Steel Wire Oven-Racks.

Special Oven Flue Construction; perfect circulation of hot air.

Upper and Lower Oven Doors, Side Broiler Door, and Hot Closet Door all double; **when open make shelves flush with bottoms**; have no projecting bolts; Upper and Lower Oven Doors spring balanced, and **do not open or close with a jar.**

Door Handles of the best device; very simple and operate perfectly.

Top Burners star-shaped and drilled; **the best and most economical of top burners.**

Low Top Grates and **perfect combustion.**

Valves and Needles that **operate perfectly.**

Mixing Chamber in one piece.

Large Galvanized Drip Pan under top burners.

The best of castings; made in our own foundries.

All the Pipe-Work easily removed.

Nickeling very heavy and durable.

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Largest
Stove Plant
- in -
the World.



Plain Range.

With Three Single Burners, One Giant Burner of Triple Capacity, and One Simmering Flame for Top of Range, and Four-Line Burner with Lighter for Upper and Lower Ovens.

Nos.	List.	Code.
1216-P—Weight, 230 lbs.,	\$28.00	Movable.
1218-P—Weight, 265 lbs.,	32.00	Move.
1220-P—Weight, 285 lbs.,	38.00	Movement.

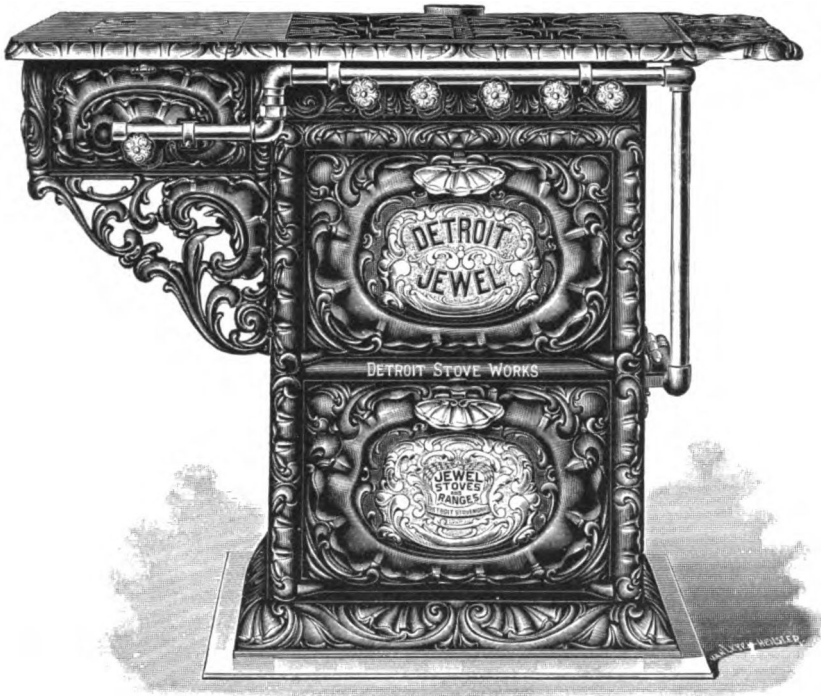
If range on this page is wanted for **Natural Gas** add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.

	No. 1216.	No. 1218	No. 1220.
Upper Baking Oven,	11 x 16 x 16½	12 x 18 x 18½	12 x 20 x 18½
Cubic inches in Upper Oven,	2,992	4,104	4,560
Lower Broiling and Roasting Oven,	11 x 16 x 17	12 x 18 x 19	12 x 20 x 20
Top Plate, not including shelves,	23 x 25	26½ x 27	26½ x 27
Two Top Shelves, each,	24½ x 7	24½ x 7	24½ x 7
Height from floor,	34½	36½	36½
Grates,	19 x 9	20¾ x 9¾	20¾ x 9¾

**Largest
Stove Plant
- in -
the World.**

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Range with Water Heater.

With Same Burners as Plain Range and Six-Line
Burner for Water Heater.

Nos.		LIST.	CODE.
1216-W—Weight, 330 lbs.,	.	\$41.00	Muffin.
1218-W—Weight, 365 lbs.,	.	45.00	Muffle.
1220-W—Weight, 385 lbs.,	.	51 00	Mug.

For **Brass** instead of Iron Coil in water heater add \$7.00 list. (Code, Muff.)

If range on this page is wanted for **Natural Gas** add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.

	No. 1216.	No. 1218.	No. 1220.
Top with Water Heater (not including shelf),	23 x 37	26½ x 40	26½ x 41

For other **Measurements** see page 158.

1
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Largest
Stove Plant
- in -
the World.



Range with High Broiler.

With Same Burners as Plain Stove and Six-Line
Burner for High Broiler.

Nos.		List.	Code.
1216-B—Weight, 325 lbs.,	. . . . .	\$41.00	Mulberry.
1218-B—Weight, 360 lbs.,	. . . . .	45.00	Mull.
1220-B—Weight, 380 lbs.,	. . . . .	51.00	Mullen.

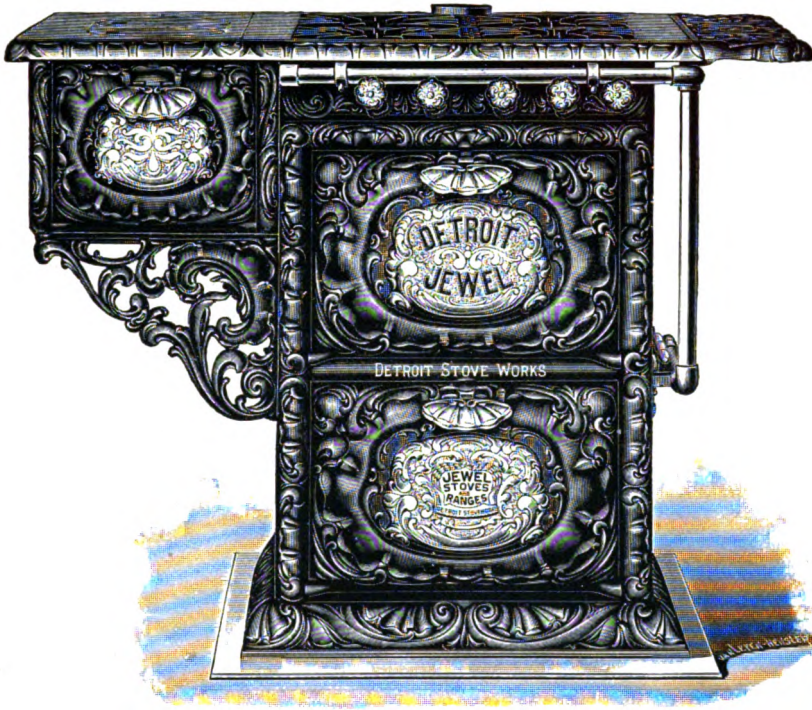
If range on this page is wanted for **Natural Gas** add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.

	No. 1216.	No. 1218.	No. 1220.
Top with Broiler (not including shelf),	23 x 37	26½ x 40	26½ x 41
High Broiler,	9¼ x 12 x 18¾	9¼ x 12 x 20	9¼ x 12 x 20
Cake Griddle,	8¼ x 18½	9¼ x 20½	9¼ x 20½

Other **Measurements** same as on page 158.

**Largest
Stove Plant
- in -
the World.** **1899**



Range with Hot Closet.

With Same Burners as Plain Range.

Nos.	LIST.	CODE.
1216-C—Weight, 270 lbs.,	\$36.00	Multifold.
1218-C—Weight, 305 lbs.,	40.00	Multiform.
1220-C—Weight, 325 lbs.,	46.00	Multiplex.

If range on this page is wanted for **Natural Gas** add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.

	No. 1216.	No. 1218.	No. 1220.
Hot Closet,	9¼ x 12 x 18¼	9¼ x 12 x 20	19¼ x 12 x 20
Top with Heating Closet (not including Shelf),	23 x 37	26½ x 40	26½ x 41

For other **Measurements** see page 158.

1899
Largest
Stove Plant
- in -
the World.



Range with Six-Burner Top.

With Five Single Burners, One Giant Burner of Triple Capacity,
and One Simmering Flame for Top of Range; Oven
Burners same as in Plain Range.

Nos.		LIST.	CODE.
1216-6—Weight, 285 lbs.,	. . . . .	\$36.00	Multiply.
1218-6—Weight, 325 lbs.,	. . . . .	40.00	Multitude.
1220-6—Weight, 345 lbs.,	. . . . .	46.00	Mumble.

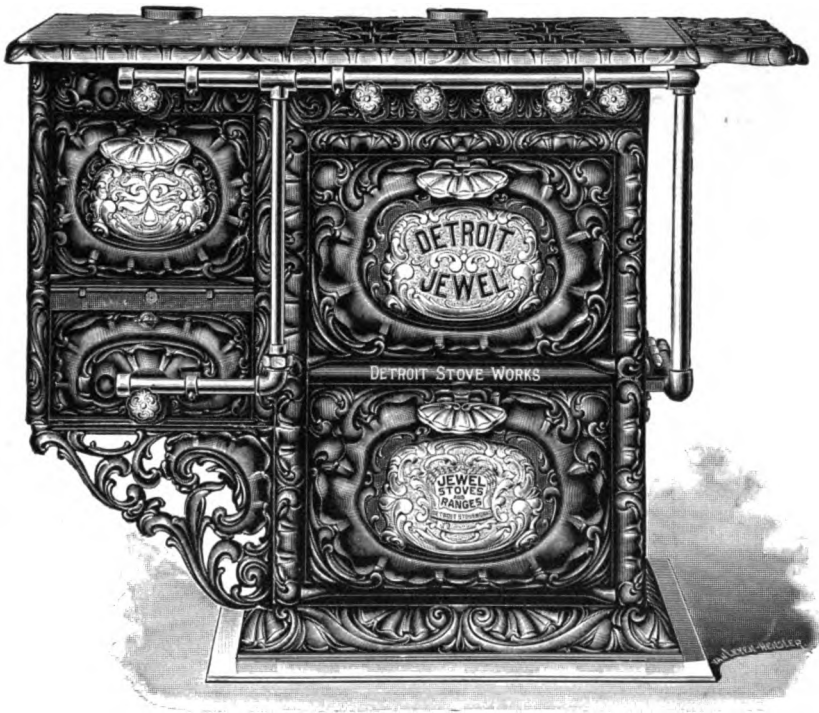
If range on this page is wanted for **Natural Gas** add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.

	No. 1216.	No. 1218.	No. 1220.
Top (not including shelf),	23 x 37	26½ x 40	26½ x 41

For other **Measurements** see page 158.

Largest
Stove Plant
- in -
the World. 1899



Range with High Broiler and Water Heater.

With same Burners as Plain Range and Six-Line Burners
for Water Heater and Broiler.

Nos.		LIST.	CODE.
1216-BW—Weight, 420 lbs.,	. . . . .	\$54.00	Munching.
1218-BW—Weight, 460 lbs.,	. . . . .	58.00	Mungo.
1220-BW—Weight, 480 lbs.,	. . . . .	64.00	Municipal.

For water-heater with **Brass** instead of Iron Coil add \$7.00 list. (Code, Muff).

If range on this page is wanted for **Natural Gas** add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

Measurements same as those given on pages 158 and 160.

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Largest
Stove Plant
- in -
the World.



Range with Six-Burner Top and Hot Closet.

With Five Single Burners, One Giant Burner of Triple Capacity,
and One Simmering Flame for Top of Range; Oven
Burners same as in Plain Range.

Nos.		LIST.	CODE.
1216-6 C—Weight, 375 lbs.,	. . . . .	\$44.00	Munificent.
1218-6 C—Weight, 415 lbs.,	. . . . .	48.00	Munition.
1220-6 C—Weight, 440 lbs.,	. . . . .	54.00	Mural.

If **Brollor** is wanted in place of Hot Closet, add \$5.00 list.

If range on this page is wanted for **Natural Gas** add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

Measurements given on preceding pages.



Range with High Broiler, Water Heater, and Hot Closet.

With same Burners as Plain Range and Six-Line Burners for High Broiler and Water Heater.

Nos.		LIST.	CODE.
1216	BWC—Weight, 455 lbs.,	\$62.00	Mure.
1218	BWC—Weight, 495 lbs.,	66.00	Muriate.
1220	BWC—Weight, 515 lbs.,	72.00	Muriatic.

If Water Heater is wanted with **Brass** instead of Iron Coil, add \$7.00 list. (Code, Muff).

If range on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

For **Measurements** see preceding pages.

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Largest
Stove Plant
- in -
the World.



Range with Six-Burner Top, High Broiler, and Water Heater.

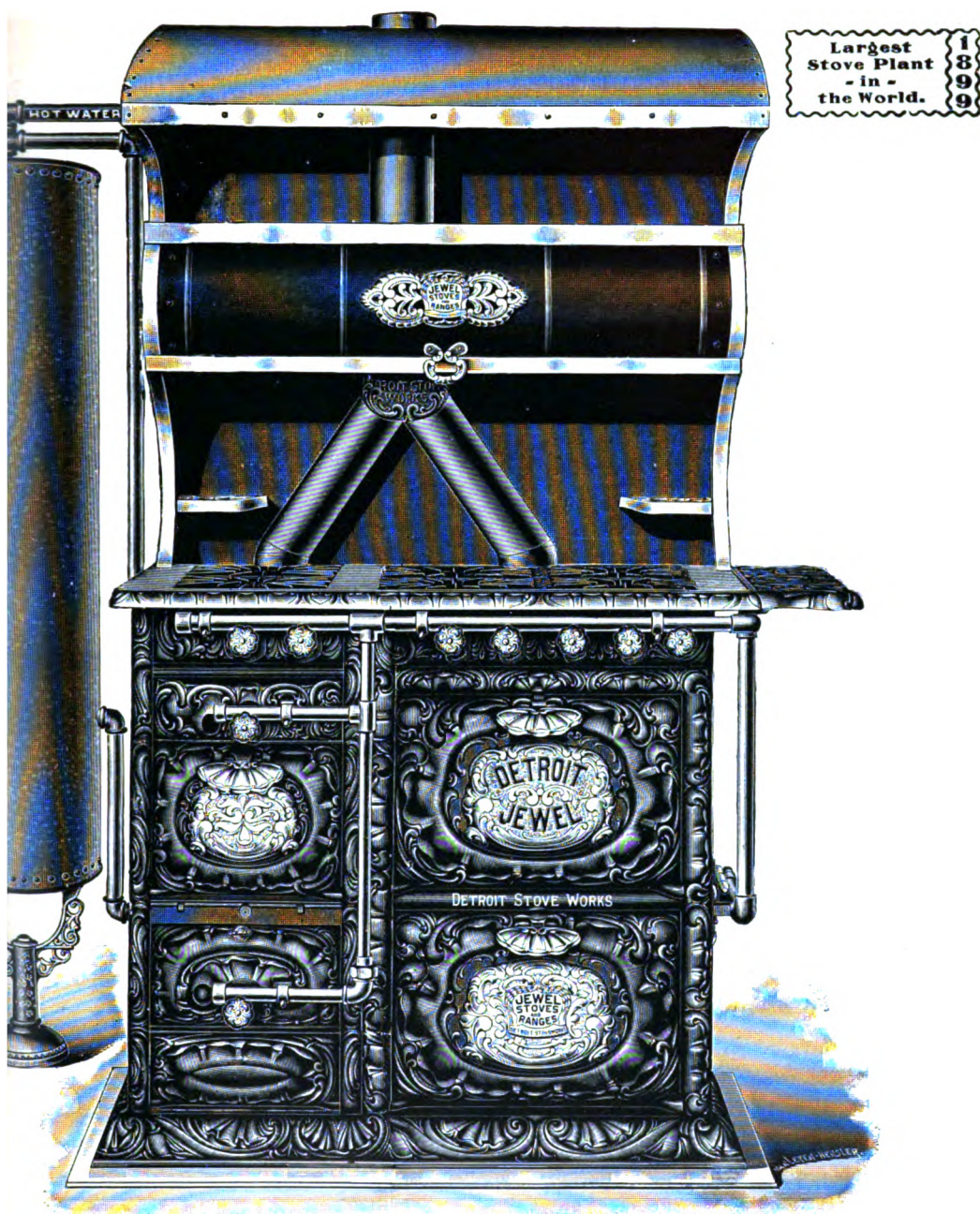
With Five Single Burners, One Giant Burner of Triple Capacity, and a Simmering Flame at Top; Six-Line Burner for Water Heater; Six-Line Burner for High Broiler; and Four-Line Burner with Lighter for Upper and Lower Ovens.

Nos.		List.	Code.
1216-6BW—Weight, 470 lbs.,	. . . . .	\$62.00	Murk.
1218-6BW—Weight, 510 lbs.,	. . . . .	66.00	Murky.
1220-6BW—Weight, 530 lbs.,	. . . . .	72.00	Murmur.

If Water Heater is wanted with **Brass** instead of Iron Coil, add \$7.00 list. (C^de, Muff).

If range on this page is wanted for **Natural Gas** add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

For **Measurements** see preceding pages.



Elevated Closet and Canopy.

Nos.	List.	Code.
1—Elevated Warming Closet with Canopy for any Detroit Jewel,	\$18.00	Muscle.
2—Elevated Warming Closet without Canopy for any Detroit Jewel,	9.00	Mystic.

UPRIGHT PRESSURE BOILER.

30-gallon Upright Pressure Boiler, with stand and couplings complete,	16.00	Muse.
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Special Note.—Above prices are for Elevated Closet, Canopy and Pressure Boiler only. To obtain list price on any Detroit Jewel with Elevated Closet (with or without canopy), or with Pressure Boiler, or both, add one or two of above prices to list price of range.

Complete Outfit as shown at lists as follows:

No. 1218, \$100.00	No. 1220, \$106.00
--------------------	--------------------



Detroit Jewel Gas Stoves.

7 SERIES; WITH SINGLE OVEN.

The Best Single Oven Gas Range Manufactured.

Only a trifle higher than an ordinary coal range.

Upright Broiler, which we also make as an independent construction; for full description, see page 205.

Perpendicular Water-Heater, the same as our No. 1, described on page 203.

Best smooth Cold-Rolled Open Hearth Steel Body; **lined throughout with Asbestos.**

Oven Top of extra heavy Galvanized Iron, lined with Asbestos.

Oven Door double and spring-balanced; when open makes a shelf flush with oven bottom; **has no projecting bolts.**

Oven Door Handle very simple and operates perfectly.

Oven Linings made in sections and portable.

Strong, light, convenient Steel Wire Oven Racks.

Special Oven Flue Construction; **perfect circulation of hot air.**

Valves and Needles right in every particular.

Mixing Chamber in one piece.

Top Burners star-shaped and drilled, **one being a Giant Burner of triple capacity.**

Burners of special construction for perpendicular broiler and perpendicular water-heater.

Low Top Grates; **perfect combustion.**

Large Galvanized Drip Pan under top burners.

Smooth, flawless castings, made in our own foundries.

All Pipe-Work easily removed.

Nickeling very heavy and durable.



Largest
Stove Plant
- in -
the World. 1899

Range with Perpendicular Water Heater and Broiler.

With Three Single Burners, One Giant Burner of Triple Capacity, and One Simmering Flame for Top of Range: Four-Line Burner for Oven, with Oven Lighter; a Star-Shaped Burner for Water Heater; and Two Six-Line Burners for Broiler.

Nos.	WEIGHTS.	LIST.	CODE.
718-P—Without Broiler and Water-Heater,	200	\$29.00	Napery.
718-PB—With Broiler alone,	255	42.00	Nap.
718-PWB—With Broiler and Water-Heater,	300	55.00	Napkin.

High-Closet is not included in above prices. For High-Closet add, list, \$9.00.
For Water-Heater with Brass instead of Iron Interior, add \$10.00 list. (Code, Museum).

MEASUREMENTS.

Oven,	18 x 18 x 13
Cubic inches in Oven,	42:2
Top of No. 718-P, without Shelves,	24 x 26½
Top of Nos. 718-PB and 718-PWB, without Shelves,	24 x 35
Two Top Shelves, each,	7½ x 24
Height from floor,	32
Size of Grates,	10 x 21
Perpendicular Broiler Chamber,	18 x 13 x 8



Detroit Jewel Gas Stoves.

IMPROVED 2 SERIES.

A Strictly First-Class Range.

Low Top Grates and **perfect combustion.**

Top Burners star-shaped and drilled, one being a Giant Burner of triple capacity with a simmering flame in the center; simmering flame controlled by a separate valve.

Bottom of Broiler Chamber flush with door opening.

Body made of **best smooth Cold-Rolled Open Hearth Steel**; lined throughout with Asbestos.

Special Oven Flue Construction; **perfect circulation of hot air**; oven bakes evenly on top and bottom.

Oven Bottom flush with door opening.

Doors of the oven and broiler double and spring-balanced; **fall to a horizontal position without a jar**; no projecting screws or bolts on inner surface.

Finely finished castings, made in our own foundries.

Nickel-plated parts **extra heavily plated.**

Oven Top of extra heavy Galvanized Iron, lined with Asbestos.

Door Handles that operate perfectly.

Strong, light, convenient Steel Wire Oven-Racks.

Very carefully made Valves and Needles.

Mixing Chamber in one piece.

Large Galvanized Drip Pan under top burners.

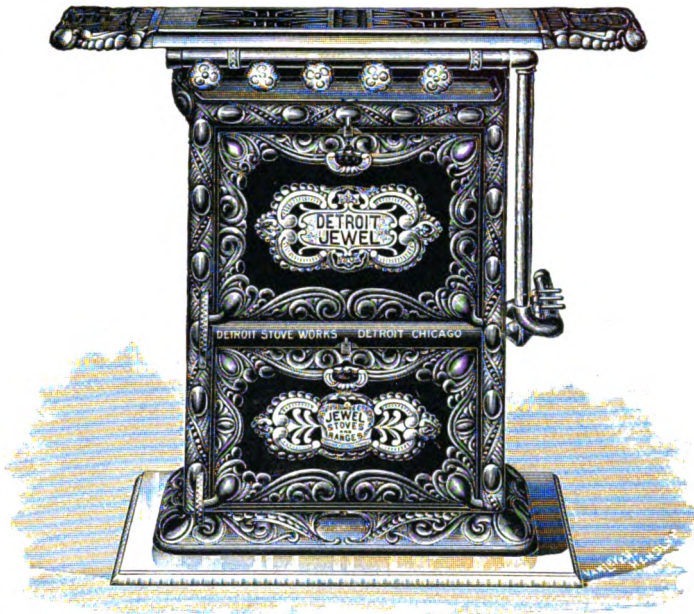
Oven Linings made in sections and portable.

All Pipe-Work easily removed.

Powerful Coil Water Heater.

Largest
Stove Plant
- in -
the World

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Plain Range.

With Three Single Burners, One Giant Burner of Triple Capacity,
and One Simmering Flame for Top of Range, and a Four-
Line Burner for Oven, with Oven Lighter.

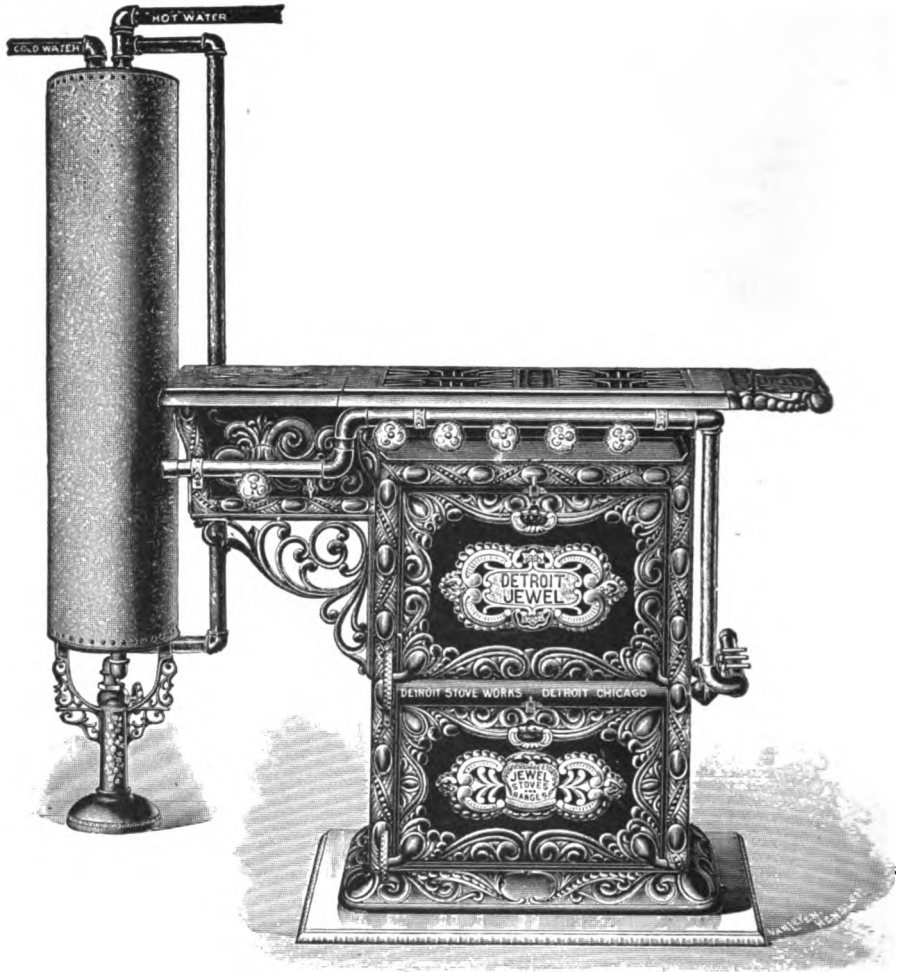
Nos.		LIST.	CODE.
216-P—Weight, 195 lbs.,	. . . . .	\$24 00	Life.
218-P—Weight, 225 lbs.,	. . . . .	27.00	Lifeless.

MEASUREMENTS.

No. 216.			No. 218.
16 x 16 x 11	. . . . .	Baking Oven	18 x 18 x 12
2816	. . . . .	Cubic inches in Oven	3888
16 x 16 x 10	. . . . .	Roasting Oven	18 x 18 x 11
22½ x 25	. . . . .	Top without Shelves	24 x 26½
7½ x 22½	. . . . .	Two Top Shelves, each	7½ x 24
32	. . . . .	Height from Floor	34
9 x 20	. . . . .	Size of Grates	10 x 21

If range on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

**1
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9** Largest
Stove Plant
- in -
the World.



Range and Water Heater.

With same Burners as Plain Range, and Four-Line
Burner and Lighter for Water Heater.

Nos.		LIST.	CODE.
216-W—Weight, 265 lbs.,		\$37.00	Light.
218-W—Weight, 310 lbs.,		40.00	Lighten.
30-gallon Upright Pressure Boiler, with stand and couplings complete, extra,		16.00	Muse.

If **Brass** instead of Iron Coil is wanted in Water Heater, add, list, \$7.00. (Code, Music).

If range on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.

No. 216.		No. 218.
22½ x 36	Top with Water Heater	24 x 37½

For other **Measurements** see page 171.



Range with Water Heater and Step.

Has same Burners as Plain Stove, and Two Single Burners for Step, and Four-Line Water-Heater Burner, with Lighter.

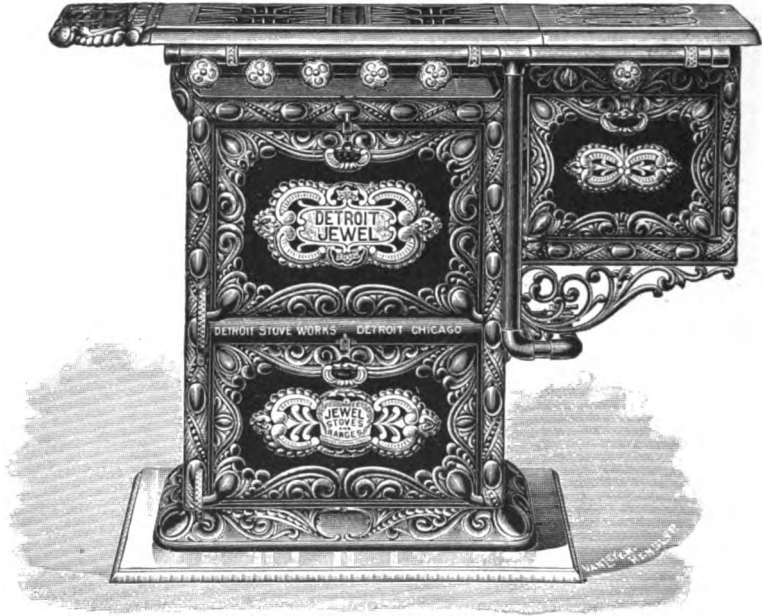
Nos.	LIST.	CODE.
216-WS—Weight, 305 lbs.,	\$43.00	Lignite.
218-WS—Weight, 350 lbs.,	46.00	Lignite.

Special Notice.—The Step shown in the accompanying cut may be had on any other Detroit Jewel of the same 2 series. The price of Step is included in prices given on this page, but for any other range with Step added, add \$6.00 list. The Step can be fitted to the left side of a range if desired, but unless otherwise ordered we ship with step on right side, and carry only that style in stock ready for prompt shipment.

For Water-Heater with **Brass** instead of Iron Coil, add, list, \$7.00. (Code, Music).
If range on this page is wanted for **Natural Gas** add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.		No. 216.	No. 218.
14 x 21	Size of Step	14 x 21	14 x 21

For other **Measurements**, see pages 171 and 172.



Range with High Broiler.

With same Burners as Plain Stove and Four-Line
Burner with Lighter for Broiler.

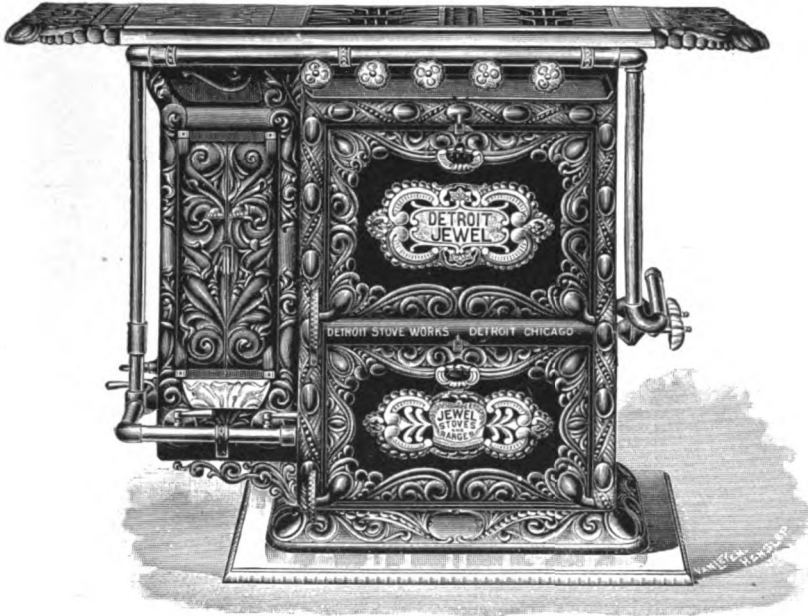
Nos.	LIST.	CODE.
216-B—Weight, 265 lbs.,	\$37.00	Like.
218-B—Weight, 310 lbs.,	40.00	Likeness.

If range on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

No. 216.	MEASUREMENTS.	No. 218.
22½ x 38	Top with Broiler	24 x 40
17 x 11½ x 10	Size of High Broiler	19 x 11½ x 10
8¼ x 18½	Cake Griddle	9¼ x 20½

Other **Measurements** same as on preceding pages.

Largest Stove Plant - in - the World.	1 8 9 9
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Range with Vertical Broiler.

With same Burners as Plain Range and Two
Six-Line Burners for Broiler.

No.	LIST.	CODE.
218-V—Weight, 280 lbs.,	\$40.00	Lydian.

For full description of the Broiler, which we make as an independent construction, see page 205.

If range on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.

Top (not including shelves),	24 x 35½
Vertical Broiler Chamber,	18 x 13 x 8

Other **Measurements** same as those of Plain Range No. 218.

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Largest
Stove Plant
- in -
the World.



Range with Water Heater and High Broiler.

With same Burners as Plain Range, Four-Line Burners and Lighters for Water Heater and Broiler.

Nos.	LIST.	CODE.
216-WB—Weight, 335 lbs.,	\$50.00	Limit
218-WB—Weight, 380 lbs.,	53.00	Limp.

If range on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

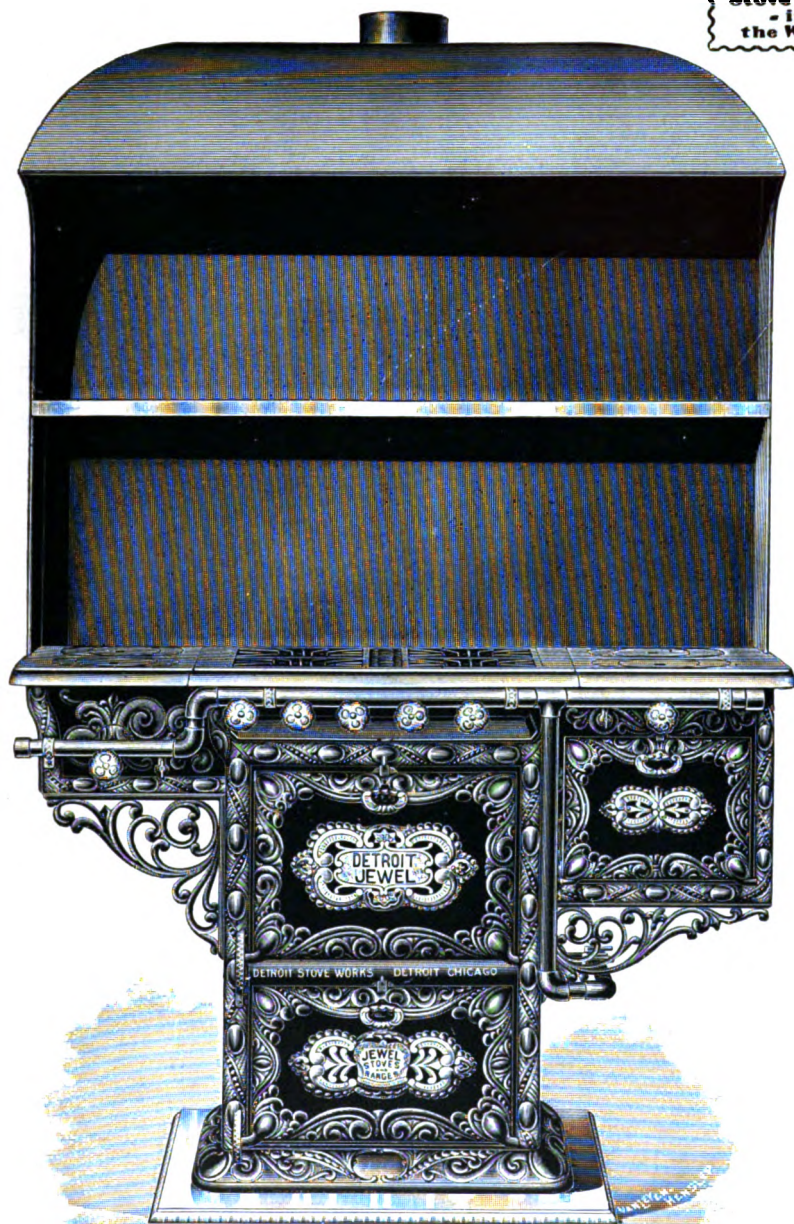
For Water Heater with **Brass** instead of Iron Coil, add, list, \$7.00. (Code, Music).

MEASUREMENTS.

No. 216	No. 218.
22½ x 49½ Top Surface	24 x 51

Other **Measurements** same as on preceding pages.

Largest
Stove Plant
- in -
the World. 1899



Canopy with Shelf.

Nos.

- 1—For Plain Range,
2—For Range with either Water Heater or Broiler,
3—For Range with both Water Heater and Broiler,

LIST.
\$ 8.00
10.00
12.00

CODE.
Lion.
Lioness.
Lionize.!

For **Prices of Range Complete**, as shown in this cut, add above list of No. 3 Canopy to prices of range on previous page. The price of any Detroit Jewel, complete with canopy, may be computed in the same way.

The Canopy as shown in cut is made of best **Cold-Rolled Steel**, has ornamental cast brackets, and is a desirable, though not necessary, addition to any gas range shown in this catalogue.



Detroit Jewel Gas Stoves.

9 SERIES.

A First-Class Range with Broiler in Convenient Position Over Baking Oven.

Body made of smooth Cold Rolled Open Hearth Steel; interlined throughout with Asbestos.

Broiler supplied with powerful three-arm Burner; Broiler also supplied with **Deflecting Plates**, which effect the greatest economy of gas.

Top of Broiler interlined with an extra thick sheet of Asbestos.

Very successful and economical Perpendicular Water-Heater; made also as an independent construction, and fully described on page 202.

Oven Top of extra heavy Galvanized Iron, interlined with Asbestos.

Four drilled star-shaped Top Burners, one being a Giant Burner of triple capacity with Simmering Flame.

Galvanized Iron Drip Pan under top burners.

Galvanized Iron Pan underneath oven bottom; Pan lined with Asbestos and Steel.

Steel Oven Linings; made in sections and portable.

Special Oven Flue Construction; **perfect circulation of hot air**; even baking in all parts of oven.

Strong, light Steel Wire Oven-Racks; **absorb least heat**.

Oven Door and Broiler Door double; spring-balanced; have no projecting bolts or nuts on inner surface, and when open make shelves flush with bottoms; **do not open and close with a jar**.

Simply constructed Oven-Door and Broiler-Door Handles, which operate perfectly.

Alaska Valve Handles; **always cool**.

Mixing Chamber in one piece.

Smooth, flawless Castings, made in our own foundries.

All Pipe-Work easily removed.

Heavy and durable Nickeling.

**Largest
Stove Plant
- in -
the World.**

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Plain Range.

**With Three Single Burners, One Giant Burner of Triple Capacity, and One
Simmering Flame for Top of Range, a Three-Arm Burner for
Broiler, and a Four-Line Burner for Oven,
with Oven Lighter.**

Nos.		LIST.	CODE.
916-P—Weight, 195 lbs.,	. . . . .	\$25.00	Monadnock.
918-P—Weight, 220 lbs.,	. . . . .	28.00	Monarch.

MEASUREMENTS.

No. 916.			No. 918.
16 x 16 x 11	. . . . .	Baking Oven	18 x 18 x 12
28 1/2	. . . . .	Cubic inches in Oven	3888
16 x 16 x 8	. . . . .	Broiler	18 x 18 x 3
21 x 23	. . . . .	Top without Shelves	22 1/2 x 21 1/2
7 x 20 1/2	Two Top Shelves, each	7 1/2 x 22
34 1/2	Height from Floor	36
9 x 18	Size of Grates	9 x 20

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Largest
Stove Plant
- in -
the World.



Range with Water Heater.

With Same Burners as Plain Range and Special Burner
and Lighter for Water Heater.

Nos.	LIST.	CODE.
916-W—Weight, 280 lbs.,	\$38.00	Monitor.
918-W—Weight, 300 lbs.,	41.00	Monument.

For full description and a sectional view of the **water heater** of this range, which we also make for independent use, see page 202

When this Range is wanted with Water Heater with **Brass** instead of Iron interior, add \$12.00 to above list.

Measurements same as on preceding page.



Detroit Jewel Gas Stoves.

5 SERIES; WITH ALL-CAST BODY.

An Elegant First-class Range.

Beautiful carving.

All-cast Body, lined with Asbestos.

Steel Oven Linings; made in sections and portable.

Special Oven Flue Construction; perfect circulation of hot air secured; **even baking in all parts of oven.**

Tinned Steel Wire Oven-Racks; light, strong, clean; absorb very little heat.

Broiling Oven supplied with Pressed Steel Broiling and Roasting Pan and a Tinned Steel Wire Broiling Rack.

Castings made in our own foundries; **smooth and flawless**; will not crack.

Four drilled star-shaped Burners; **one a Giant Burner of Triple Capacity, with Simmering Flame.**

Galvanized Iron Drip Pan under top burners.

Oven Top of extra heavy Galvanized Iron; lined with Asbestos.

Swing Oven-Door, lined with Tin.

Swing Broiler-Door.

Mixing Chamber in one piece.

Coil Water-Heater.

All Pipe-Work **easily removed.**

Nickeling **very heavy and durable.**

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Largest
Stove Plant
- in -
the World.



Plain Range.

With three Single Burners, one Giant Burner of Triple Capacity, and one Simmering Flame for Top of Range, and Four-Line Burner with Lighter for Oven and Broiler.

Nos.	LIST.	CODE.
516-P—Weight, 245 lbs.,	\$26.00	Nag.
518-P—Weight, 275 lbs.,	29.00	Naggy.

If range shown on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.		
No. 516.		No. 518.
16 x 16 x 11	Baking Oven	18 x 18 x 12
2816	Cubic inches in Oven	3888
16 x 16 x 10	Broiling Oven	18 x 18 x 11
22½ x 25	Top Plate, not including shelves	24 x 26½
7½ x 22	Two Top Shelves, each	7½ x 24
32	Height from floor	34
9 x 20	Grates	10 x 21



Range with Water Heater.

With same Burners as Plain Range on Previous Page and Four-Line Burner
with Lighter for Water Heater.

Nos.	LIST.	CODR.
516-W—Weight, 325 lbs.,	\$39.00	Nailer.
518-W—Weight, 360 lbs.,	42.00	Nameless.

Additional cost of range with **Brass** instead of Iron Coil in water heater, \$7.00 list.

If Range shown on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels
fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.

No. 516.	No. 518.
22½ x 36 Top with Water Heater,	24 x 37½

Other **Measurements** same as those given for Nos. 516 and 518, page 182.



Detroit Jewel Gas Stoves.

8 SERIES.

A Well Built, Economical, and Durable Range.

Powerful Perpendicular Water-Heater; made also as an independent construction; see full description page 202.

Castings made in our own foundries; **smooth and without flaws**; carefully fitted.

Highly finished, smooth Open Hearth Cold-Rolled Steel Body; **lined throughout with Asbestos**.

Oven Top of extra heavy Galvanized Iron; lined with Asbestos.

Upper Oven-Door spring-balanced; has no projecting bolts on inner surface; when open makes a shelf flush with oven bottom; **opens and closes without jar**.

Upper and Lower Oven-Door Handles very simple and **operate perfectly**.

Linings of Upper Oven made in sections and portable.

Strong, light, convenient Steel Wire Oven-Racks: **absorb least heat**.

Special Oven-Flue Construction, insuring perfect circulation of hot air, and **even baking in all parts of the oven**.

Lower Oven-Door double, spring-balanced, with smooth inner surface.

Lower Oven or Broiler, supplied with Pressed Steel Broiling Pan and Tinned Steel Wire Broiling Rack.

Mixing Chamber in one piece.

Alaska Valve Handles; **always cool**.

Pipe-Work easily removed.

Heavy, durable Nickeling.



Plain Range.

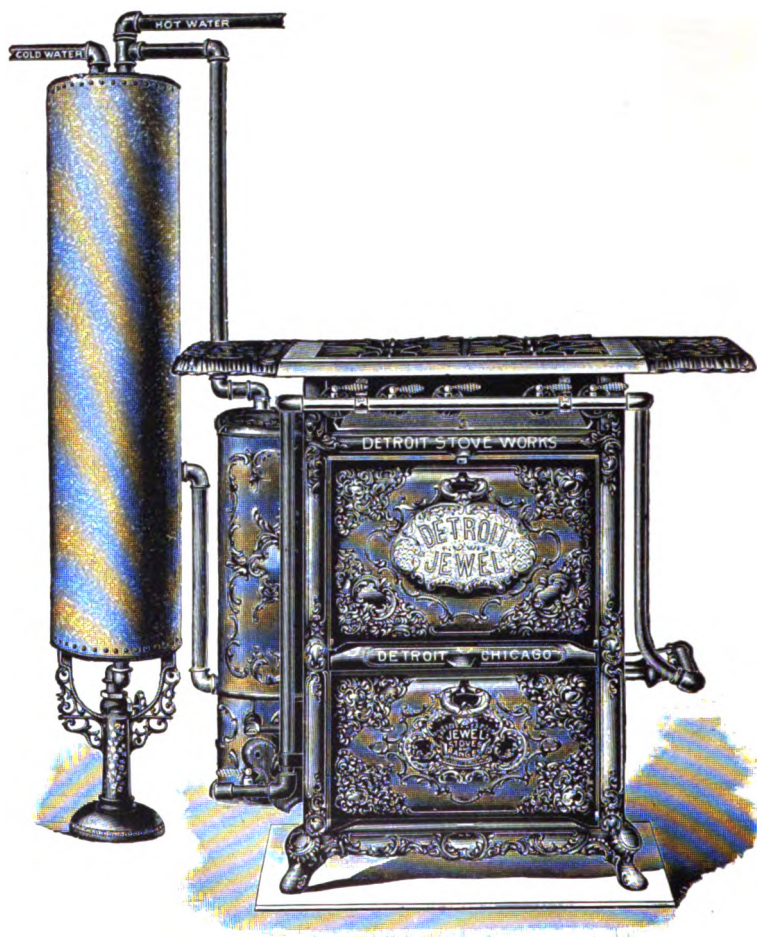
With Three Single Burners, One Giant Burner of Triple Capacity, and One Simmering Flame for Top of Range, and Four-Line Burner with Lighter for Oven and Broiler.

Nos.	LIST.	CODE.
816-P—Weight, 185 lbs.,	\$22.00	Moorland.
818-P—Weight, 210 lbs.,	25.00	Moral.

MEASUREMENTS.

No. 816.		No. 818.
16 x 16 x 11	Baking Oven	18 x 18 x 12
2816	Cubic inches in Oven	3888
16 x 16 x 10	Roasting Oven	18 x 18 x 11
21½ x 22½	Top Plate, not including shelves	22½ x 24½
7 x 20½	Two Top Shelves, each	7½ x 21½
33½	Height from floor	35½
9 x 18	Grates	9 x 20

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Largest
Stove Plant
- in -
the World.



Range with Water Heater.

With Same Burners as Plain Range on Previous Page and Special Burner and Lighter for Water Heater.

Nos.		LIST.	CODE.
816-W—Weight, 270 lbs.,		\$35.00	Morion.
818-W—Weight, 290 lbs.,		38.00	Morn.
30-Gallon Upright Pressure Boiler, with stand and couplings, complete, extra,		16.00	Muse.

We make the **Water-Heater** embodied in this range as an independent construction. See full description page 202.

Additional cost of this range with water heater with **Brass** instead of Iron interior, \$12.00 list.

Measurements same as on preceding page.



Plain Range.

6 SERIES.

With Three Single Burners, One Giant Burner of Triple Capacity, and One
Simmering Flame for Top of Range, and Four-Line Burner with
Lighter for Oven and Broiler.

Nos.		LIST.	CODE.
614-P—Weight, 150 lbs.,	. . . . .	\$20.00	Nab.
616-P—Weight, 170 lbs.,	. . . . .	23.00	Nabob.
618-P—Weight, 195 lbs.,	. . . . .	26.00	Nadir.

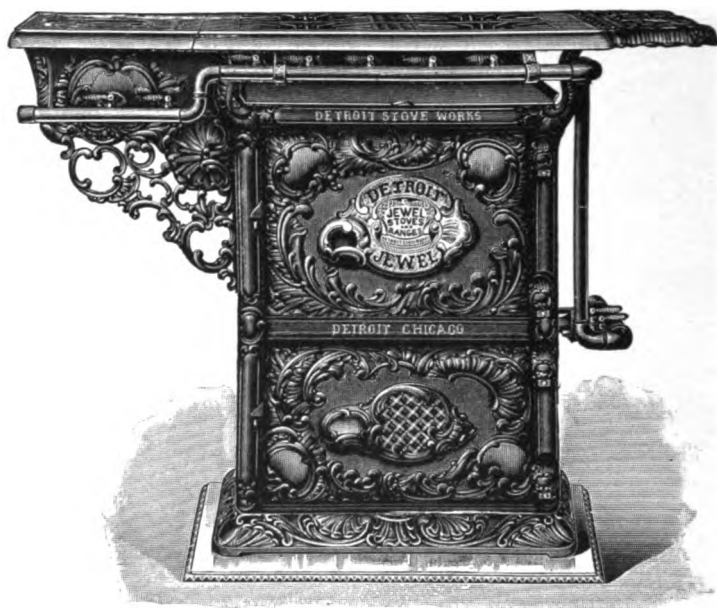
If range shown on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.

	No. 614.	No. 616.	No. 618.
Baking Oven,	14 x 14 x 10	16 x 16 x 11	18 x 18 x 12
Cubic inches in Oven,	1960	2816	3888
Broiling Oven,	14 x 14 x 9	16 x 16 x 10	18 x 18 x 11
Top Plate, not including shelves,	21 x 22½	22½ x 25	24 x 26½
Two Top Shelves, each,	7½ x 20	7½ x 22	7½ x 24
Height from floor,	30	32	34
Grates,	9 x 18	9 x 20	10 x 21

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Largest
Stove Plant
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the World.



Range with Water Heater.

6 SERIES.

With Same Burners as Plain Range on Previous Page and Four-Line Burner
with Lighter for Water Heater.

Nos.		LIST.	CODE.
614-W—Weight, 195 lbs.,	. . . . .	\$30.00	Namely.
616-W—Weight, 220 lbs.,	. . . . .	33.00	Namesake.
618-W—Weight, 255 lbs.,	. . . . .	36.00	Nankeen.

If range shown on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

Additional cost of this range with **Brass** instead of Iron Coil in water heater, \$7.00 list.

MEASUREMENTS.

	No. 614.	No. 616.	No. 618.
Top with Water Heater,	21 x 33½	22½ x 36	24 x 37½

Other **Measurements** same as on preceding page.



Plain Range.

13 SERIES.

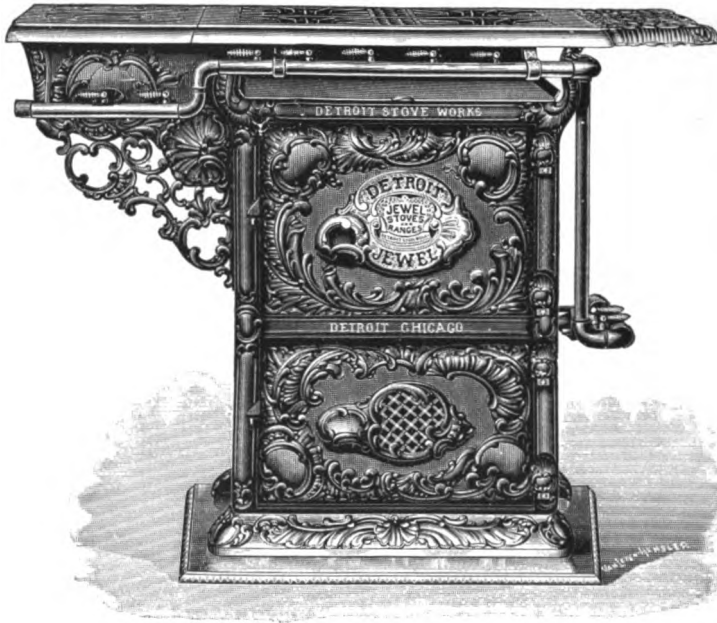
With Four Drilled Single Burners and Simmering Flame for Top of Range,
and Four-Line Burner with Lighter for Oven and Broiler.

Nos.		List.	Code.
1314-P—Weight, 145 lbs.,	. . . . .	\$18.00	Loin.
1316-P—Weight, 165 lbs.,	. . . . .	20.00	Loiter.

No. 1314.			MEASUREMENTS.			No. 1316.		
14 x 14 x 10	. . . . .		Baking Oven	. . . . .		16 x 16 x 11		
1960	. . . . .		Cubic inches in Oven	. . . . .		2816		
14 x 14 x 9	. . . . .		Roasting Oven	. . . . .		16 x 16 x 10		
21 x 22½	. . . . .		Top Plate, not including shelves	. . . . .		22½ x 25		
7½ x 20		Two Top Shelves, each		7½ x 22		
29½		Height from floor		31½		
9 x 18		Grates		9 x 20		

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Stove Plant
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the World.



Range with Water Heater.

13 SERIES.

With Same Burners as Plain Range on Previous Page, and Four-Line Burner with Lighter for Water Heater.

Nos.	LIST.	CODE.
1314-W—Weight, 195 lbs.,	\$28.00	Lollard.
1316-W—Weight, 220 lbs.,	30.00	Lombard.

Additional cost of this range with **Brass** instead of Iron Coil in water heater, \$7.00 list.

MEASUREMENTS.

No. 1314.	No. 1316.
21 x 33½ Top with Water Heater	22½ x 36

Other Measurements same as on preceding page.



Single Oven Range.

With Four Drilled Single Burners and Simmering Flame for Top of Range,
and One Loop Burner with Lighter for Oven.

No.	WEIGHT.	LIST.	CODE.
1116.—Nickel Finish ; 2 Top Shelves,	135	\$17.00	Moonlight.

Plain Steel Body, lined with Asbestos; heavy Galvanized Iron Oven Top, lined with Asbestos ; Swing Oven-Door; Oven Linings made in sections and portable; strong, light, Steel Wire Oven Racks, tinned ; our Special Oven Flue Construction—perfect circulation of hot air ; Oven Bottom protected by Steel Lining and Interlining of Asbestos; Bottom of Oven-Burner Chamber made of Galvanized Iron, with Ventilating Openings; Alaska Valve Handles—always cool; smooth, flawless Castings, elegantly carved ; handsome Nickered Name-Plate on Oven-Door ; Galvanized Iron Drip Pan under top burners.

MEASUREMENTS.

Oven,	16 x 16 x 11
Cubic inches in Oven,	2816
Top, without shelves,	21½ x 23
Top Shelves, each,	7 x 21
Height from floor,	29½
Size of Grates,	9 x 18

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Largest
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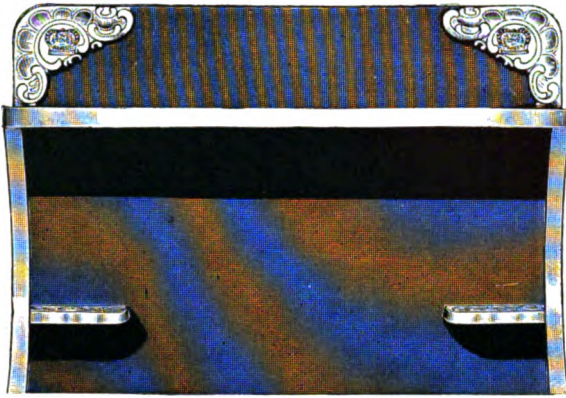
Skeleton Frame Gas Range.

No.	LIST.	CODE.
218-X—With 4 Top Burners,	\$13.00	Neat.

The above Stove has been built to meet the demand of the working classes for a gas stove, which, while very cheap, has a **large top surface and well constructed economical burners**. It is a good, durable construction, and the Burners are drilled like those used in our high grade ranges.

MEASUREMENTS.

Top Plate, including shelves,	24 x 41
Height from floor,	29 1/2



High-Shelf.

No.

20

High-Shelf for any Plain Range or Range with Water Heater, . . .

List.

\$5.50

Code.

Near.



High-Closet.

No.

30

High-Closet for any Plain Range or Range with Water Heater, . . .

List.

\$9.00

Code.

Nearness.

These goods are made of **Cold-Rolled Steel** of **high finish**, and with **heavily plated nickel trimmings** as shown in cuts.

When ordering either High-Shelf or High-Closet **be sure to state for what range it is wanted.**

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Largest
Stove Plant
- in -
the World.

Detroit Jewel Single Oven Range.

With Three Single Burners,
One Giant Burner of Triple
Capacity, and One Simmering
Flame for Top of Range;
Double Burner (Eight Lines
of Flames) with Lighter for
Oven; Six-Line Burner in
Elevated Broiler.



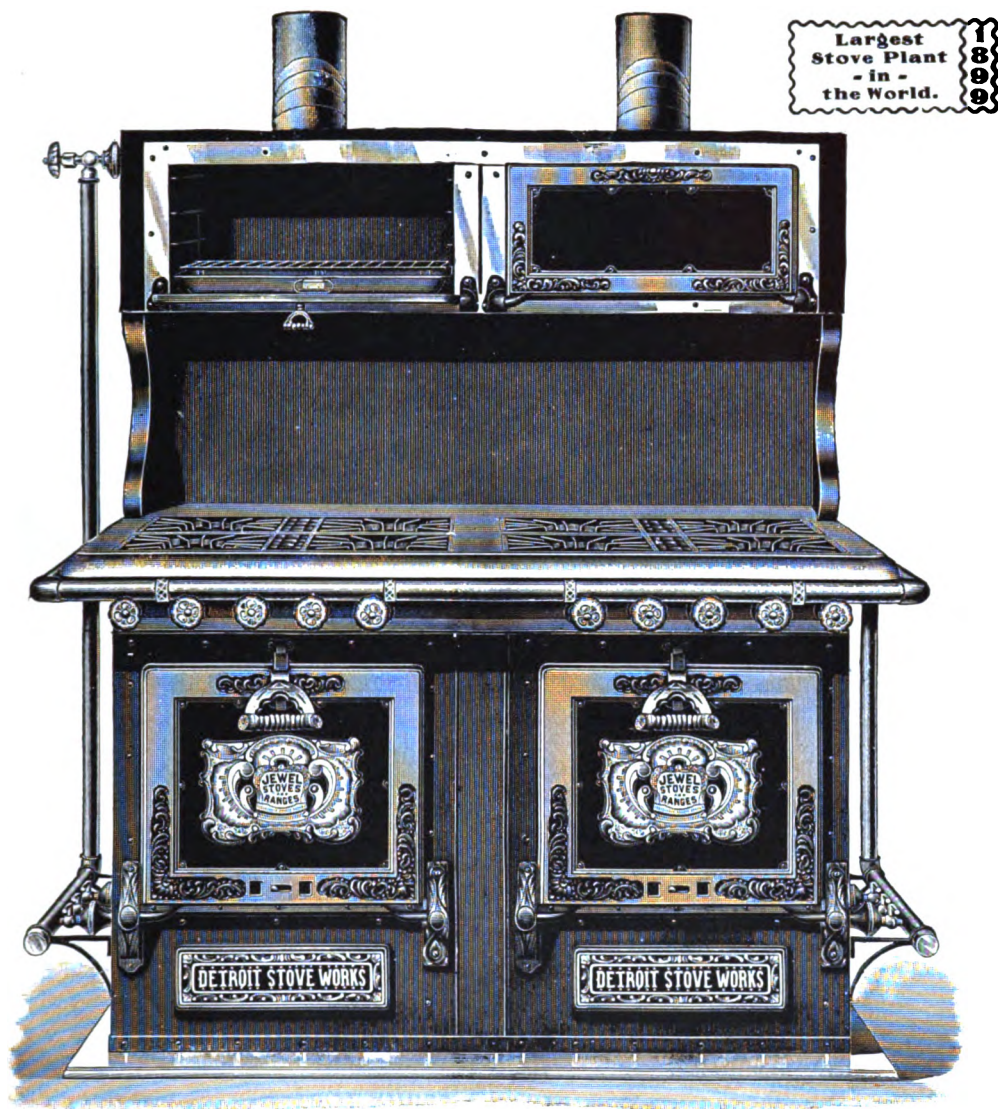
Nos.	LIST.	CODE.
418—Plain Range,	\$35.00	Nebula.
418—Range, with Elevated Warming-Closet,	45.00	Necklace.
418—Range, with Elevated Broiler (as shown in cut),	50.00	Nectar.
Water Heater, at back of range, extra,	10 00	Need.
Canopy, above Broiler, extra,	7.50	Needful.

An extra heavy and durable range.

If range shown on this page is wanted for **Natural Gas**, add \$2.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

DIMENSIONS.

Top Surface, without shelf,	25 x 31 inches.
Top Shelf,	7½ x 24 inches.
Oven,	18 x 22 x 14 inches.
Cubic inches in Oven,	5.544.
Elevated Broiler,	18 x 12½ x 8 inches.
Height from floor to top of Stove,	29 inches.
Height from floor to top of Broiler,	56 inches.
Size of Grates,	10 x 21 inches.



Detroit Jewel Double Hotel Range.

With Two Ovens; Six Single Burners, Two Giant Burners, and Two Simmering Flames on Top; Double Burner (Eight Lines of Flames) with Lighter for each Oven; Six-Line Burner in Elevated Broiler.

Nos.	LIST.	CODE.
418-D—Without Elevated Warming-Closet or Broiler,	\$ 80.00	Needle.
418-D—With Double Elevated Warming-Closet,	100.00	Negation.
418-D—With one Elevated Broiler and one Elevated Warming-Closet,	110.00	Negative.
418-D—With two Elevated Broilers,	120.00	Neglect.
Canopy, over all, extra (see page 197 for cut of Canopy),	15.00	Negligent.

An extra heavy and durable range.

For water heating in connection with this range use the No. 2 Detroit Jewel Water Heater shown on page 202.

If range shown on this page is wanted for **Natural Gas**, add \$4.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

DIMENSIONS

Top Surface,	49 x 31 in.	Elevated Broilers, each,	18 x 12½ x 8 in.
Ovens, each,	18 x 22 x 14 in.	Height from floor to top of Stove,	29 in.
Cubic inches in each Oven,	5,544.	Height from floor to top of Broiler,	56 in.
Size of Grates,	10 x 21 in.		



Detroit Jewel.. Triple Hotel Range.

**With Three Ovens; Nine Single Burners, Three Giant Burners and
Three Simmering Flames on Top; Double Burner (Eight
Lines of Flames) with Lighter for each Oven;
Six-Line Burner in Elevated Broiler.**

Nos.	List.	Code.
418-T—Without Elevated Closets or Broiler,	\$125.00	Negotiation.
418-T—With triple Elevated Warming-Closet,	155.00	Neighbor.
418-T—With one Elevated Broiler and two Elevated Warming-Closets,	165.00	Neighborhood.
418-T—With two Elevated Broilers and one Elevated Warming-Closet,	175.00	Nephew.
Canopy, over all, extra,	25.00	Neptune.

A cut of this range is shown on the following page.

An extra heavy and durable range.

For heating water use the No. 2 Detroit Jewel Water Heater shown on page 202, connecting one or more with pressure boiler according to amount of hot water required.

If range shown on opposite page is wanted for **Natural Gas**, add \$6.00 list. All Detroit Jewels fitted for **Artificial Gas** unless specially ordered for Natural Gas.

MEASUREMENTS.

Ovens, each,	18 x 22 x 14 inches.
Cubic inches in each Oven,	5,544.
Top Surface,	73 x 31 inches.
Elevated Broilers, each,	18 x 12½ x 8 inches.
Height from floor to top of Stove,	29 inches.
Height from floor to top of Broiler.	56 inches.
Height from floor to top of Canopy,	80 inches.
Size of Grates,	10 x 21 inches

**Largest
Stove Plant
- in -
the World.**

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Detroit Jewel Triple Hotel Range.

SEE PRECEDING PAGE.



Detroit Jewel . . . Combination Range.

FOR GAS AND COAL OR WOOD.

A Notable Range.—This range is furnished, as ordered, for either illuminating or natural gas, and for hard coal, soft coal, coke, or wood. In its construction it represents the most modern ideas in both the gas part and the coal or wood part. It is intended for those who desire the very best range, and therefore, in building it, no expense has been spared. The idea of giving it every desirable feature has been kept constantly in view, and in style, finish, convenience, durability and mechanical construction, it will be found the most perfect cooking apparatus ever built.

Its Great Convenience.—For those who desire to use gas during the summer, and in winter, for the purpose of heating the kitchen, to use coal or wood, this range is especially desirable. It occupies much less space in the kitchen than two separate ranges. Those will also appreciate it who, for special occasions, require more cooking surface than is furnished by any single stove. And we may also mention its desirability where natural gas, which occasionally gives out in extreme cold weather, is used. Also, when it is desired to use coal generally, it is a great advantage to have a gas stove which can be started in a second for light work, and a gas broiler will never be dispensed with when once used.

DIMENSIONS.

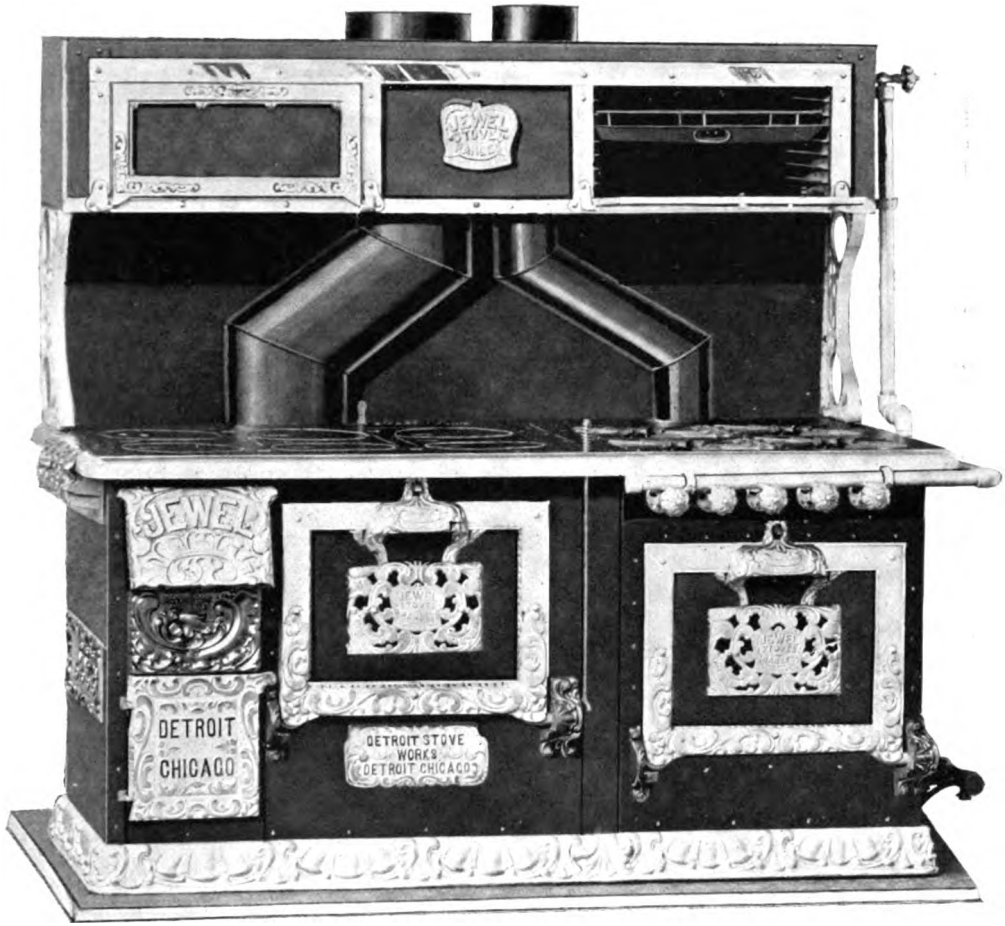
	INCHES.
Top surface, with 18 inch Coal Range,	60 x 31
Top surface, with 20 inch Coal Range,	61 1/2 x 31
Height from floor to top of Range,	29
Height from floor to top of High Closet and Broiler,	56
Height from floor to top of Canopy,	52
Broiler in Gas Range:	
Opening, 18 x 12 1/2 inches, height,	8

SPECIAL FEATURES OF THE GAS RANGE.

Perfected Star-Shaped Drilled Burners.
Low Grates.
Very convenient Broiler in Upper Closet—can be inspected without stooping.
Broiler Chamber of ample size for small Roasts.
Large Baking Oven.
Special Oven Flue Construction. Oven bakes perfectly.
Smooth Blue Steel Body, extra finish.
Sturdy lined with Asbestos.
Oven Linings made in sections and portable.
Strong convenient Wire Racks, which do not absorb much heat.
Oven Door double and Asbestos lined. Safe to touch and when open makes steel lined with Oven Section.
Range very handsome and easy to keep clean.
Elegant Nickel plated Cast Base.
Very handsome Nickel plated Base as shown in picture.

SPECIAL FEATURES OF THE COAL OR WOOD RANGE.

Very convenient Broiler Feed Door.
Oval-End Fire-Box—no "dead corners."
Extra heavy Iron or Brick Linings.
Extra heavy Duplex Grate: may be removed without disturbing linings or water-front.
Smooth Blue Steel Body, extra finish: body interlined with Asbestos.
Balanced Oven-Door: when open forms shelf flush with oven-bottom.
Patent Sectional Oven-Bottom.
Top of Oven near fire covered with Cast-Iron Plate, to prevent its burning out at this point.
Convenient Flue-Cleaning Door, with projecting lip at bottom to keep soot from falling on floor.
Extra heavy Top-Plate, cast in sections: will not crack from unequal expansion.
Extra heavy Ring Pattern Covers.
Extra heavy Centers: cut Long Centers.
Wood Fixtures furnished when desired: extend the box for wood in every range.
Roomy Upper-Closet with Drop-Door, which forms a handy shelf.
Elegant Armored Cast Base.
Nickel plated Band across entire front edge of top-plate: very elegant Nickel plated Plates as shown in picture. See following pages.
Complete Range furnished with or without canopy, and with or without high broiler and warming closet. For range without warming closet and high broiler we quote special price.



Detroit Jewel Combination Range.

No. 418 Gas Range, with Oven 18 x 22 x 14; with Three Single Burners, One Giant Burner of Triple Capacity, and One Simmering Flame on Top; with Two Powerful Oven Burners with Lighter; and with Six-Line Burner in Upper Broiler.

The above described Gas Range combined with our No. 862-18 Coal Range, having Six 8-inch Lids on Top and Oven 18 x 22½ x 14, making No. 418 x 862-18 Combination Range.

No.	LIST.	CODE.
418 x 862-18 Combination Range,	\$156.00	Muslin.

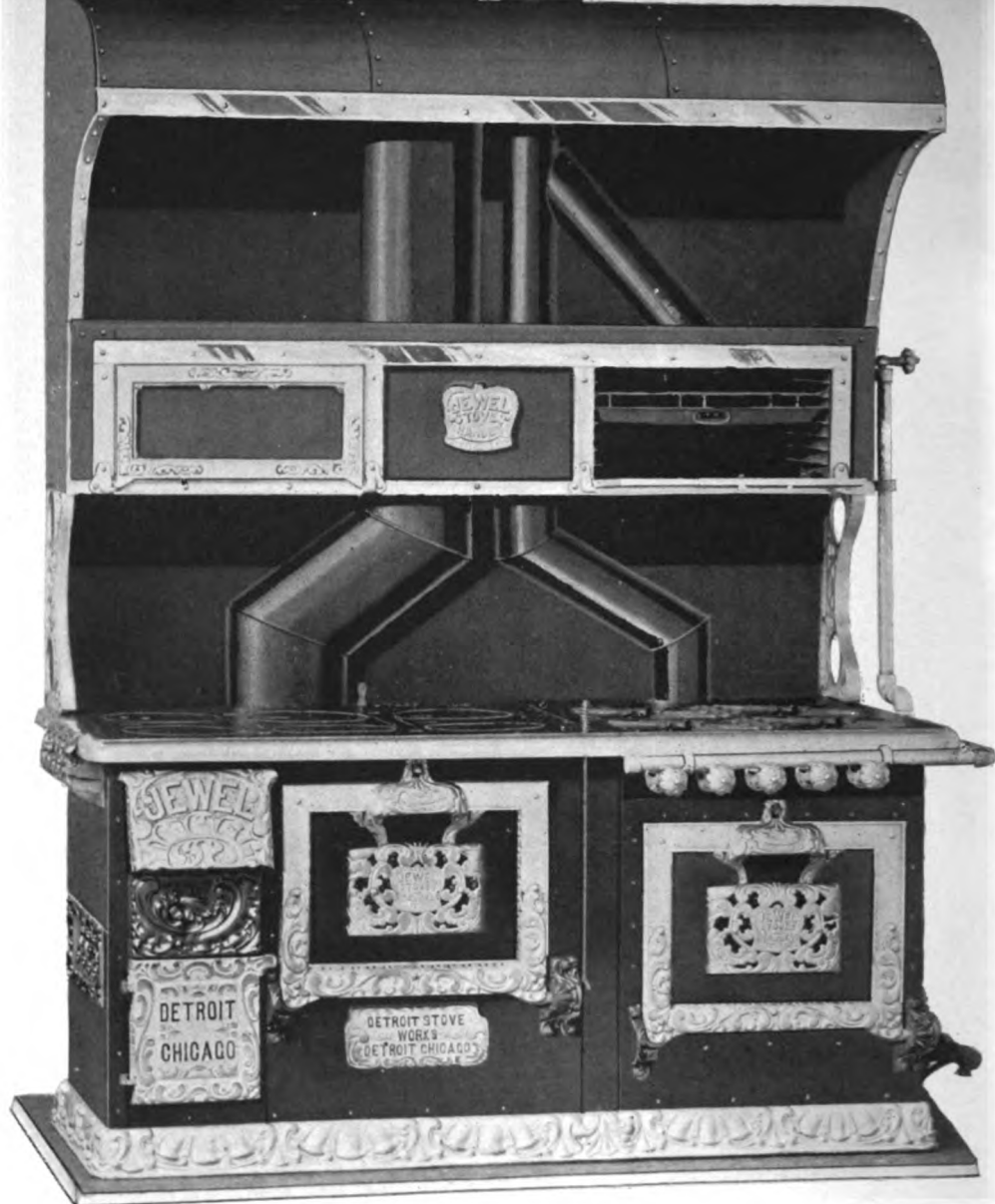
The above described Gas Range combined with our No. 962-20 Coal Range, having Six 9-inch Lids on Top and Oven 20 x 22½ x 14, making No. 418 x 962-20 Combination Range.

No.	LIST.	CODE.
418 x 962-20 Combination Range,	\$163.00	Mustard.
Water Front, fitted, in Coal Range, extra,	\$5.50	Mortgage.

We advise the use of the No. 2 Independent Water Heater, shown and described on page 202, with Combination Range.

The above two sizes of Combination Ranges are generally preferred and are carried in stock. If any other size of Coal Range Oven or Top is desired, we can furnish it to order.

The above list prices for Combination Ranges are for the Ranges Complete, as shown by cut on this page.



Detroit Jewel Combination Range.

No. 418 Gas Range, with Oven 18 x 22 x 14; with Three Single Burners, One Giant Burner of Triple Capacity, and One Simmering Flame on Top; with Two Powerful Oven Burners with Lighter; and with Four-Line Burner in Upper Broiler.

The above described Gas Range combined with our No. 862-18 Coal Range, having Six 8-inch Lids on Top, and Oven 18 x 22½ x 14, making No. 418 x 862-18 Combination Range.

No.	List.	Code.
418 x 862-18 Combination Range,	\$183.00	Muster.

The above described Gas Range combined with our No. 962-20 Coal Range, having Six 9-inch Lids on Top, and Oven 20 x 22½ x 14, making No. 418 x 962-20 Combination Range.

No.	List.	Code.
418 x 962-20 Combination Range,	\$190.00	Mutale.
Water Front, fitted, in Coal Range, extra,	\$5.50	Mortgage.

We advise the use of the No. 2 Independent Water Heater, shown and described on page 202, with Combination Range.

The above two sizes of Combination Ranges are generally preferred and are carried in stock. If any other size of Coal Range Oven or Top is desired, we can furnish it to order.

The above list prices for Combination Ranges are for the Ranges Complete with Canopy Top, as shown by cut on this page.

Detroit Jewel . . . Instantaneous Water Heater.

Largest
Stove Plant
- in -
the World. 1899

FOR ANY KIND OF GAS.

The Detroit Jewel Instantaneous Water Heater shown on this page consists essentially of a series of eight **Circular Perforated Plates or Trays**, a powerful **Drilled Ring Burner** at bottom (all enclosed in a **Jacket**), and a **Gas Valve** that **interlocks with the Water Valve**. The entire apparatus is made of **copper and brass**, is **heavily nickel-plated**, and is very attractive in its appearance.

No solder is used in the construction of this Heater.

The water enters the top of the heater in the form of **spray**. It is first caught by the upper tray, and then **dripping downward** is caught successively by each of the others. The outer edges and the edges of the perforations of all the trays are **raised**. Moreover, the trays are so made and placed that the perforations **do not fall directly over each other**. Thus the water in its descent is **compelled to pause on each tray**, before overflowing to the next one, till it accumulates to the depth of $\frac{1}{8}$ inch, and thus every part of it is constantly exposed to the heat on its repeatedly interrupted passage downward. Furthermore, as the trays are kept constantly covered with water $\frac{1}{8}$ inch deep **no vaporizing can occur**.

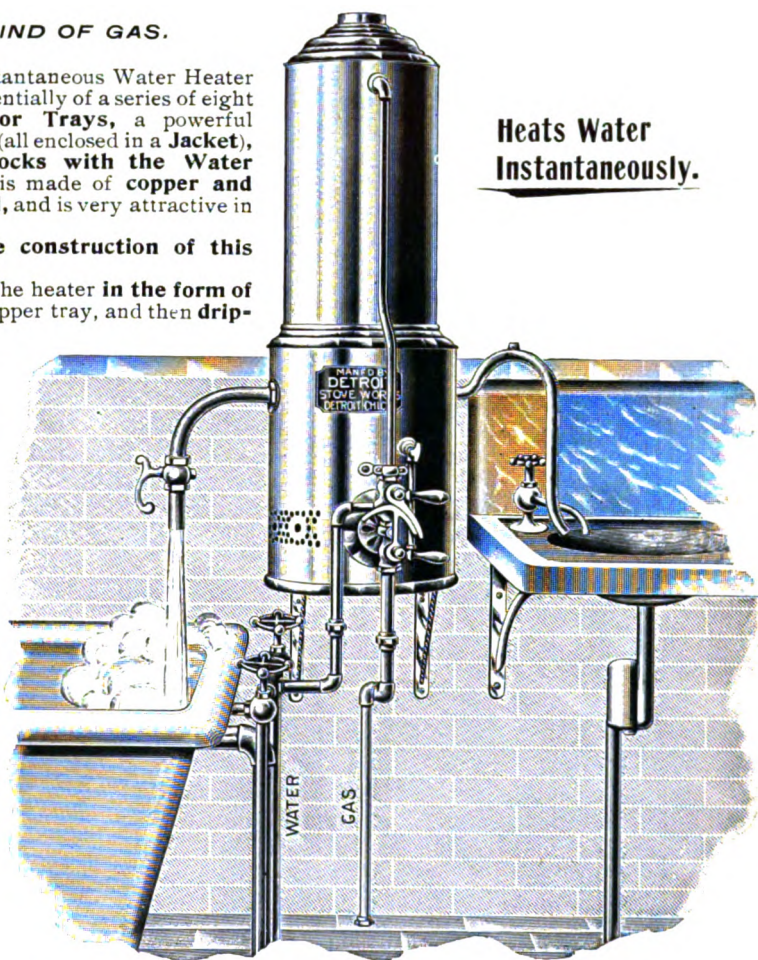
The position of the perforations in relation to each other serves not only to detain the water upon each tray, but also to "stagger" or deflect back the heat, so that in its repeatedly interrupted passage upward **its full vitality, without waste, is imparted to the water**. If a person holds his hand over the opening at the top of the Heater, he finds the escaping air to be of the same temperature as the surrounding atmosphere.

The Heater has an **adjustable gas orifice**, so that the gas supply can be regulated to suit different pressures without disturbing the Heater. The Gas Valve and the Water Valve are also **adjustable**, and they **interlock**, so that the gas can not be shut off or turned on without also shutting off or turning on the water.

The Heater has a **powerful Drilled Ring Burner**, which consumes from 55 to 75 feet of gas per hour, according to the pressure.

Burning one foot of gas per minute this Heater will in **one minute** raise the temperature of **one gallon** of water from 60° to 152° F.; of **two gallons** from 60° to 107° F.; of **three gallons** from 60° to 91° F.

Heats Water
Instantaneously.



No.		List.	Code.
20	Water Heater,	\$50.00	Moss.
	Iron Shelf and Brackets, japanned, extra,	2.00	Mossy.
	Iron Shelf and Brackets, nickel-plated, extra,	3.50	Mote.
	3-inch Vent Pipe, nickel-plated, per foot, . . . . .	.50	Moth.
	3-inch Elbows, nickel-plated, each, . . . . .	.75	Motion.
	Vent Pipe Collar, nickel-plated, . . . . .	.35	Motion.

1899
Largest
Stove Plant
- in -
the World.

Detroit Jewel Water Heaters.

FOR ANY KIND OF GAS.

The No. 2 Detroit Jewel Water Heater shown on this page has an **asbestos-lined** Jacket, which, by retaining all the heat within the jacket, adds greatly to the power of the heater.

In this Water Heater the water is heated while passing through a **series of hollow oval discs**. These Discs are so connected that the water in its ascent is constantly "staggered" or deflected back, and is thus forced to spread out and pass over a large surface of heated iron.

The construction of the Heater is such that the heat from the burner is also constantly **deflected** or "**staggered**" back in its ascent.

The foregoing explanation makes it plain that the full vitality of the heat, **without waste**, is imparted to the water.

The Heater has a **powerful burner**, which is provided with a steady supply of air, insuring perfect combustion. It consists of 18 separate outlets, each of which is formed by the circular space between concentric rings. Through the inner ring is a cold air circulating tube, which feeds the air directly to the center of the flame. A pin holds in place one of the castings encasing this burner; by removing this pin and the casting that it holds, the burner may be swung out.

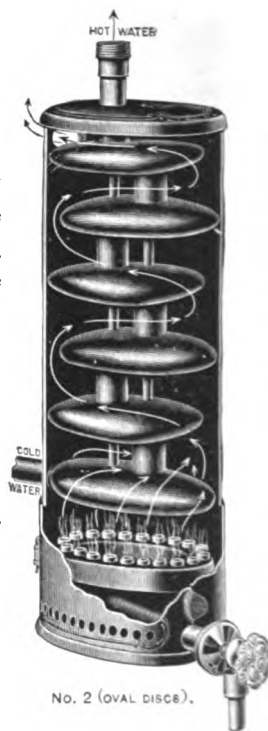
Water is more **rapidly heated** by this Heater than by any other gas water heater, except those of the instantaneous kind shown on the preceding page.

When this Heater is in use, it will be found, by holding the hand over the flue opening at the top, that the products of combustion passing out through this opening are as cool as the surrounding atmosphere, which shows that all of the heat from the burner has been imparted without waste to the water, and is proof positive of the **great economy** of the heater.

This Heater and those shown on the opposite page are especially intended for use in connection with gas ranges that have no water heater (as shown in the illustration at left), or in connection with a coal range.

If the coal range is supplied with a water-front it may be connected to the upright tank to which a No. 2 Water Heater is attached, and the gas water heater need be used only when the coal range is not in use. In such a case it will be found that the water heater will prove itself a **great convenience** throughout the year, and especially during the summer season, when the coal range is used but little.

- | Nos. | LIST. | CODE. |
|------|--|--------|
| 2 | Water Heater;
iron through-
out, . . . \$13.00 | Motto. |
| 2 | Water Heater;
brass interior,
25.00 | Mound. |



NO. 2 (OVAL DISC).

Detroit Jewel Water Heaters

Largest
Stove Plant
- in -
the World. 1899

FOR ANY KIND OF GAS.

The two Water Heaters shown on this page are each enclosed in an **asbestos-lined Jacket**, which, by retaining the heat within the jacket, greatly adds to the power of each heater.

In the No. 1 the water is heated as it passes upward through a **series of hollow round discs**. In making this ascent it is forced to spread out and pass over a large surface of heated iron.

Each Heater has a **powerful burner**, which is provided with a steady supply of air, so that the combustion is perfect. In the No. 1 the heat from this burner is constantly "staggered" back in its ascent upward, and thus its full vitality is imparted to the iron discs, which in turn impart it to the water.

In the No. 10 Heater the water is compelled in its ascent to pass through 12 $\frac{3}{4}$ -inch **Copper Tubes**. These Tubes are encased in an inner jacket which is covered with **asbestos**. The heat from the powerful burner is conducted into this jacket, circulates among the tubes, is kept from radiating by the double jacket, and thus its full vitality is imparted to the water.

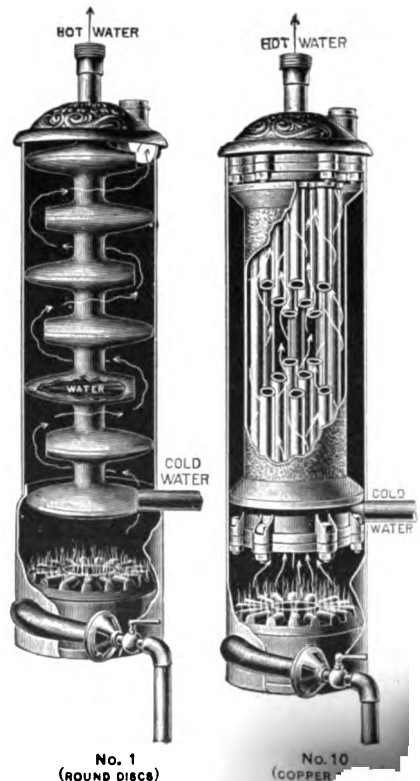
As in the case of the heater shown on the opposite page, it will be found, on holding the hand over the flue opening at the top of either of these heaters when the heater is in operation, that the products of combustion escaping through this opening are **as cool as the surrounding air**, which proves that all of the heat from the burner has been imparted to the water.

At the top and at the bottom of the Tubular Heater No. 10 there is a chamber formed by bolt-

ing two pieces of cast-iron together. In order to make these chambers water-tight the two castings are made with a **ground knife-edge joint**. No packing is used.

These two heaters, like the one shown on the preceding page, are intended to be used in connection with a gas range that has no water heater, or in connection with a coal range. If the coal range is provided with a water-front the use of one of these heaters will nevertheless be found a great convenience throughout the year and especially during those months when the coal range is not much used.

Nos.	List.	Code.
1 Water Heater; iron throughout, .	\$12.00	Motley.
1 Water Heater; brass interior, . . .	22.00	Motor.
10 Water Heater; copper tubes, . .	25.00	Mountain.

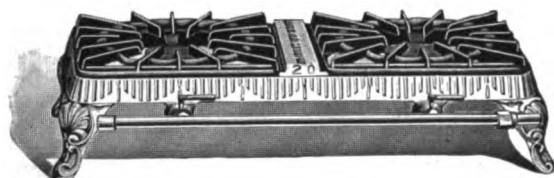


Hot Plates or Table Gas Stoves.



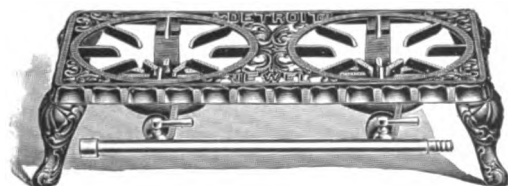
FINISH.	No. 1 (one burner).		No. 2 (two burners).		No. 3 (three burners).	
	LIST.	CODE.	LIST.	CODE.	LIST.	CODE.
Plain,	\$2.40	Lull.	\$4.00	Lump.	\$5.60	Lute.
White nickel,	2.65	Luff.	4.50	Lunar.	6.35	Lynch.

The above Hot Plates are made with the same Burners as are in our gas ranges. For any of these Burners a Giant Burner with Simmering Flame may be substituted. For each Giant Burner add \$1.00 list. (Code word, Lyric). The measurements of the Nos. 1, 2 and 3 are 12 x 12, 12 x 22 and 12 x 33 inches respectively.



FINISH.	No. 10 (one burner.)		No. 20 (two burners).		No. 30 (three burners).	
	LIST.	CODE.	LIST.	CODE.	LIST.	CODE.
Plain,	\$1.60	Long.	\$2.80	Lope.	\$3.60	Lotus.
White nickel,	1.85	Lock.	3.30	Lord.	4.35	Love.

The measurements of the above Nos. 10, 20 and 30 are 10½ x 10½, 10½ x 22 and 10½ x 34 inches respectively.

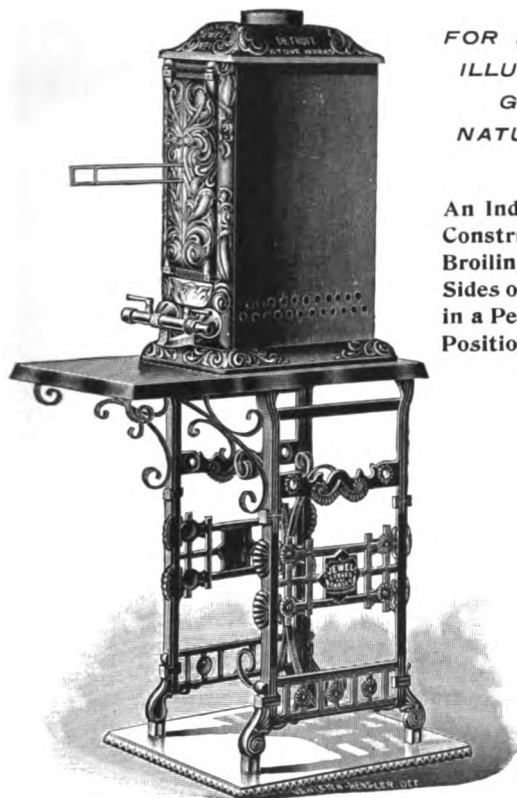


FINISH.	No. 21 (one burner).		No. 22 (two burners).		No. 23 (three burners).	
	LIST.	CODE.	LIST.	CODE.	LIST.	CODE.
Plain,	\$1.25	Law.	\$2.25	Lily.	\$3.25	Logan.
White nickel,	1.50	Lee.	2.75	Listen.	4.00	Louis.

The measurements of the above Nos. 21, 22 and 23 are 9½ x 9½, 9½ x 19 and 9½ x 28½ inches respectively.

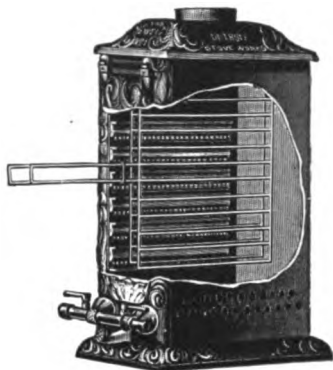
Detroit Jewel Gas Broiler.

Largest
Stove Plant
- in -
the World. 1899



FOR FUEL GAS,
ILLUMINATING
GAS, OR
NATURAL GAS.

An Independent
Construction for
Broiling One or Both
Sides of Steaks, Etc.,
in a Perpendicular
Position.



This Broiler operates perfectly whether fuel gas, illuminating gas, or natural gas is used. It has **two Burners**, one on either side, and **each consisting of six rows of holes drilled in cast-iron plates**. Above each row of orifices there is a projecting cast-iron Flange or Extension Strip. The extension strips in the improved 1899 Broiler are **graduated**. These features preclude the possibility of the heat from the lower flames smothering the upper flames, and as each row of holes is fed with an ample supply of fresh air, **perfect combustion is insured**, and it is **absolutely equal from top to bottom**, so that one part of the meat is not broiled faster than another part. In the construction of this Broiler there is no asbestos

or other perishable fibrous material to clog up the burner holes and to retain sputtering fats and the odor of gas. **It is not only an entirely practical and durable apparatus, but it is also always clean and free from any offensive smell.**

The flames on each side are controlled by a separate lever, so that, in broiling or toasting, **one or both sides of the apparatus may be operated at any moment, as desired.**

As the combustion is perfect, and as the broiler is always clean, **no smell of gas or other disagreeable odor is imparted to the meat or escapes into the room.**

A Drip Pan, which pulls out like a drawer, has a handle on the outside, and is easy to remove, **saves any juices that may escape from the meat**, though for the most part the juices are retained in the meat, as its pores are almost instantly closed by the quick action of the flames. The pores of the meat being instantly closed, **its natural flavors are perfectly preserved**. The steak or other article to be broiled is suspended between the flames in a stout Steel Wire Frame, which **claps it firmly and holds it securely in position**. The flames burn blue, they shoot from innumerable small orifices, each drilled separately in cast iron, and they will broil a steak **in from three to five minutes**. This construction will broil a five-pound steak **at a cost of about $\frac{3}{4}$ of a cent**, the cost varying slightly with the price of gas. Steaks broiled in this apparatus are always **a fine, rich brown color**. Odors from the broiling meat **are carried direct to the chimney.**

This Broiler may be had in **two sizes**, as follows: No. 1, 24 x 13 x 8 in.; No. 2, 27 x 21 x 8 in.

Nos.	LIST.	CODE.
1—Independent Broiler,	\$12.00	Narrow.
2—Independent Broiler,	24.00	Nathan.
Stand, extra,	5.00	Narrowing.

Detroit Jewel ... Portable Ovens, Etc.



Size, $13\frac{1}{4} \times 12 \times 18\frac{1}{4}$.

Nos.	LIST.	CODE.
5—Russia, for 1 flame,	\$3.00	Midday.
11—Tin, for 1 flame,	2.00	Middle.



Size, $20\frac{1}{2} \times 12 \times 18\frac{1}{4}$.

Nos.	LIST.	CODE.
3—Russia, for 2 flames,	\$4.00	Miasma.
9—Tin, for 2 flames,	3.00	Mice.

The Linings are all of the best tin, there being a space of one-half inch between them and the outside surface, forming a double flue, which promotes perfect combustion, and retains the juices of the meat.

The Grates are of No. 8 bright market wire, with strips of steel strapped over each end, holding the wires firm. There are two grates to each oven, with room between to do the largest loaves of bread or roasts of meat, without their touching the upper grate; these are held in position by racks stamped in the linings at the side.

The Spreaders (with raised bottoms) are cut from cold rolled steel, and are so constructed as to spread the heat evenly through the entire oven, baking the tops of articles as well as the bottom.

The Doors are fully tin-lined and wired, handsomely designed, and, when closed with the strong and neat turnbuckles, are almost air-tight. Hinges are riveted to the oven.



Supply Cock.

$\frac{3}{4}$ Supply Cock for shutting off entire range,
\$0.75



Independent Connection.

$\frac{3}{8}$ Independent Connection for Wall Bracket,
\$3.50 per dozen.



Detroit Jewel Mohair-Covered Tubing.

We sell only the very best Tubing, with ends made specially for convenience in connecting stoves to gas supply.
6, 8, 10, 12 foot lengths, per foot, - \$0.08

Pancake Griddle, Toaster and Waffle Iron.

Largest
Stove Plant
- in -
the World. 1899



Pancake Griddle.

The Pancake Griddle shown above has been **specially constructed by us for use with gas stoves.**

The **Open Bottom** adapts the griddle to use over any Burner.

There is a Deflecting Plate between the open bottom and the top plate, and this has the effect of so distributing the heat that **all parts of the Top Plate are equally heated, the center not receiving any more heat than the sides.**

The Top Plate has a **ground surface** and **is removable.**

No.	LIST.	CODE.
25.—Pancake Griddle.	\$2.00	Mountainous.

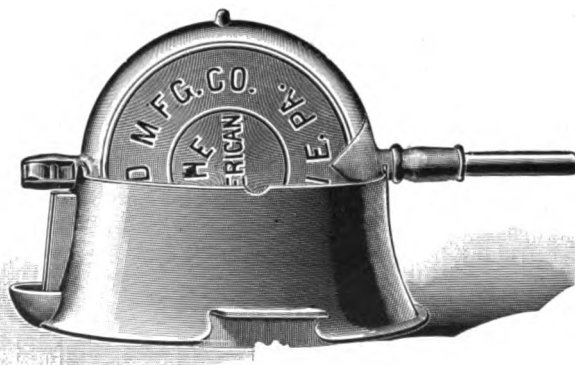


Bread Toaster.

The contrivance shown above operates perfectly, and is **the only toaster that gives entire satisfaction with gas stoves.** It toasts quickly and evenly, and produces no smoke or odor. The inside wire cone is heated to a red heat in one minute or less. The bread is then placed on the outside wire holders. 1, 2, 3, or 4 slices are toasted in two minutes over one flame.

The construction is simple and durable, and is entirely open, so that the operation of toasting may be seen.

No.	LIST.	CODE.
8.—Toaster, per dozen,	\$6.00	March.



(Patent Applied For).

Waffle Iron.

The Waffle Iron shown in the illustration is the **New American Deep-Ring Pattern.**

It will revolve in its own ring without lifting the pans, and its extra height helps to distribute the heat, making it **the best Waffle Iron ever invented for gas stoves.**

Made in **one size only**, regular No. 8 American Waffle Pans.

No.	LIST.	CODE.
8.—Waffle Iron, per dozen,	\$17.00	Nay.

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Largest
Stove Plant
- in -
the World.

Stove Mat, Griddle, Pipe Collars, Etc....



Asbestos Stove Mat.

This is the latest thing in asbestos stove mats. It has an Alaska Handle, which is a decided improvement over the ordinary wire ring handle. Diameter, 9 inches.

No.	LIST.	CODE.
—Asbestos Stove Mat, per dozen, . . .	\$1.00	Martin



Asbestos-lined Griddle.

On this Griddle cakes may be thoroughly browned without scorching. The top is made of cold-rolled clean steel, the bottom of asbestos. The griddle has an Alaska Handle. Diameter, 9 inches.

No.	LIST.	CODE.
9 —Asbestos-lined Griddle, per dozen,	\$2.00	Marion



PIPE COLLAR.

Pipe Collars.

These are the heaviest and best finished Imitation Brass Pipe Collars made.

Nos.	LIST.	CODE.
4 —Four-inch Pipe Collar, per dozen,	\$0 40	Mason.
5 —Five-inch Pipe Collar, per dozen,	0 50	Miller.
6.—Six-inch Pipe Collar, per dozen,	0 60	Munch.

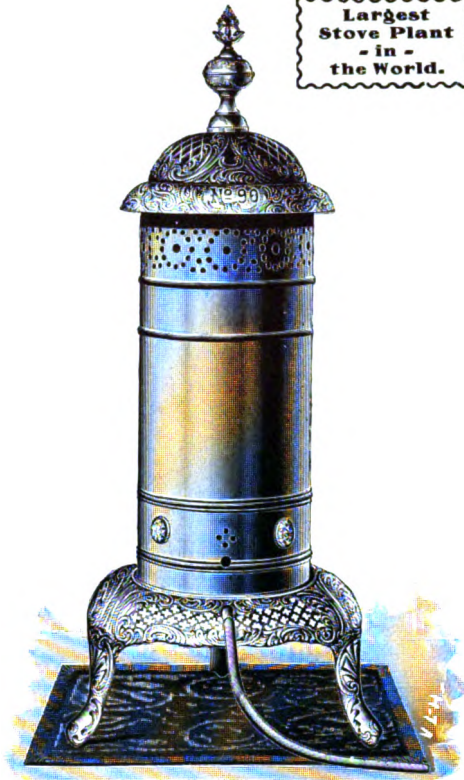
Flue Connections.

4-in. Russia pipe for flue connection, 28-inch lengths,	\$0.30
5-in. Russia pipe for flue connection, 28-inch lengths,	0.40
4-inch elbows,	0 40
5-inch elbows,	0.60

Largest
Stove Plant
- in -
the World. 1899



No. 70.



No. 90.

Detroit Jewel Gas Heater No. 70.

7-in. Drum. Height, 16-in. Spread of feet, 11 inches. Weight, 10 lbs.

No.	List.	Code.
70—Gas Heater,	\$2.00	Nash.

Special Features.—Russia Iron Drum; Cast Top; Cast Bottom; non-corroding perforated Brass Burner; Burner lighted direct by match through small Opening in Drum; products of combustion have no more effect on air in room than those of gas jet; Heater is very light, can be easily carried from room to room, and needs only to be attached by rubber tube to any gas jet to be ready for use; smooth Castings; nickel Top-Ornament which can be removed by a single turn, leaving space on top where small utensil can be placed for heating water, etc.

Detroit Jewel Gas Heater No. 90.

9-in. Drum. Height, 28½-in. Spread of feet, 15 inches. Weight, crated, 31 lbs.

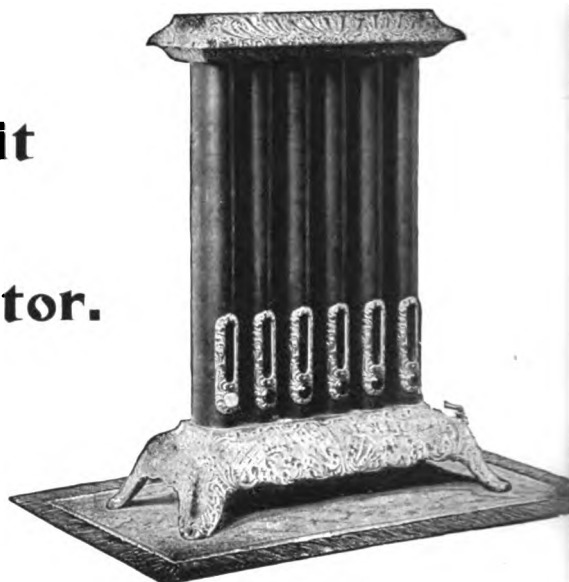
No.	List.	Code.
90—Gas Heater,	\$6.00	Narrative.

Special Features.—Russia Iron Drum; Perforated Steel Bottom; Solid Top, which acts as Deflecting Plate; Perforations at top of Drum for escape of heat; Swing Cover which, when swung aside, exposes flat top on which water, etc., may be heated; illuminating, non-corroding Perforated Brass Burner; Burner lighted direct by match through small Opening in Drum; greatest heating power from gas consumed; products of combustion as harmless as those thrown off by an ordinary gas jet; Heater needs no flue connection, is so light that it can be easily moved from room to room, and needs only to be attached by rubber tube to any gas jet; smooth, elegantly carved Castings; handsome Top-Ornament; Drum studded with jewels of various colors; best heavy Nickel Plating; perforated bottom and height of burner above floor (7½ inches) prevent scorching of carpet.

Detroit Jewel Gas Radiator.



FOUR-TUBE.



SIX-TUBE.

Radiator made in two styles, black and nickeled; smooth Castings, which present a fine appearance whether black or nickeled; colored Jewels in mica frames; match applied directly to Burner; flame carried instantaneously the entire length of burner; Radiator set high from the floor; Protection Plate under the burners; Tubes of Russia iron—**heat instantly**; burner not enclosed in cast iron, which absorbs heat.

For manufactured gas we recommend Illuminating Flame; with this it is not necessary to connect radiator to chimney. Hot-Air Radiating Tubes add to heating power, but are not essential with manufactured gas. For natural gas we recommend Blue Flame; by using the Radiating Tubes, the radiator may be connected with chimney (to draw off products of combustion) without detracting materially from its heating power.

Four-Tube Radiator.

With Single Tubes.

	LIST.	CODE.
Black, . . .	\$ 8.00	Midding.
Nickeled, . .	11.00	Midland.

With Double Hot-Air Radiating Tubes.

Black, . . .	\$10.00	Midnight.
Nickeled, . .	14.00	Midship.

Six-Tube Radiator.

With Single Tubes.

	LIST.	CODE.
Black, . . .	\$10.00	Midway.
Nickeled, . .	14.00	Mighty.

With Double Hot-Air Radiating Tubes.

Black, . . .	\$13.00	Migrate.
Nickeled, . .	17.00	Mild.

Ruby Jewel Oil Heater.

FOR KEROSENE OIL.

No. 9—9-in. double wick; 8½-in. drum. Height, 33½ in. Spread of feet, 15 inches. Weight, crated, 35 lbs.

	LIST.	CODE.
Plain Finish, with Fount and Urn only Nickeled,	\$10.00	Zeal.
Nickel Finish, all Castings Nickeled except Top Cover and Mica Frame,	12.00	Zealot.

Fount holds **four quarts**; the stove burns over **ten hours** and heats a room **fifteen to twenty feet square** at a cost of about **one cent per hour**; **greatest heating power** from oil consumed; **absolutely safe**; **elegant design and finish**; construction covered by **five patents**.

No Dirt. No Smoke. No Dust. No Ashes. No Odor.



The Triumph Warm-Air Furnaces.



FOR HARD OR SOFT COAL.

THERE are few subjects which appeal so thoroughly to the property owner or householder, who is obliged to obtain some mode of protection from the rigors and discomforts of cold weather, as the practical consideration of heating and ventilating as applied efficiently and economically. The various modes of heating are

PRINCIPLES OF HEATING.

generally understood and appreciated by intending purchasers, but too often a thorough investigation of the merits of the various kinds of apparatus offered and eulogized by over-zealous dealers and manufacturers is neglected, until the purchaser realizes that time and use have revealed the defects and imperfections that may exist. A good apparatus is essential to a good system of heating, and, equally so, a good system is essential for efficient warming and ventilation. The true heating principle is that of employing a large quantity of moderately warmed, rather than a small quantity of superheated, air.

It will be universally conceded that the heating of a house by the use of warm air is the most desirable method that can be obtained, as the draft and temperature can be easily controlled and a bountiful supply of warm air can always be depended upon with a minimum consumption of fuel. By no other system can the same perfection be attained with as little trouble and expense.

In the consideration of the Triumph Warm Air Furnaces, the conspicuous merits embodied in their construction will be noted, as they combine every convenience and improvement that modern inventive genius can devise.

We have a thorough understanding of the various difficulties which have confronted both the purchaser and the seller of Warm Air Heating Apparatus, and it has been our distinct purpose to obviate them in all particulars. The essential points in the construction of our furnaces have received most careful consideration, and the results are apparent in the mechanical and sanitary perfection which has been attained. The many desirable features in these furnaces are evident and may be briefly mentioned:

A method of construction whereby every part of the furnace is utilized towards obtaining the greatest amount of heat from a minimum quantity of fuel; enormous radiating surface and commensurate results; the use of every modern device which promotes convenience and simplicity of operation; absolute freedom from gas or dust; great strength and durability, combined with a perfect combustion of fuel, whereby smoke and gas are burned and utilized; and a superiority of workmanship which will outwear any heating apparatus on the market.

Every one who has had occasion to consider the subject is aware that very few buildings are provided with efficient means of ventilation, and that however well the

MEANS OF VENTILATION.

heating apparatus may maintain the desired temperature in coldest weather, in very few cases does it provide for an abundant supply of fresh air, without which no system of heating can be considered complete.

Proper ventilation insures personal health, domestic cleanliness and pure air in our homes, and that ventilation is secured only by proper provision for keeping the air in motion, insuring an outlet for the vitiated and impure air, which must be replaced by the circulation of a sufficient amount of pure fresh air.

It is a physiological question of vital importance to determine how much space and the necessary amount per head per hour are required to keep the air pure and fresh.

THE NECESSITIES FOR VENTILATION.

When one takes a long breath the air passes through the throat and windpipe, then through about 1,700 bronchial tubes into the air cells of the lungs. These air cells have been counted and measured. There are about 6,000,000 of them, and each one of them measures about 1-75 inch in diameter, the air cells holding together twenty cubic inches of air. Each individual breathes 18 times a minute, 360 cubic inches—therefore each individual damages 16 cubic feet per hour. That which we breathe in contains 4-10 volumes in 1,000 volumes, and that which we expel contains 4 volumes per 1,000 of carbonic acid. It has been discovered by careful experiment that, taking the relative diffusion of the carbonic acid with the other gases, 2,000 feet of pure air must be furnished each person per hour.

In sleeping apartments it is especially essential that the supply of fresh air be frequently renewed, and the atmosphere keep wholesome. The needs of ventilation in the living rooms during the day are not so exacting, as doors and windows are constantly being opened, allowing the entrance of fresh air, while the presence of an open fire-place admits of the vitiated air being carried off.

The various methods of ventilation may be briefly summed up in two ways—natural and artificial. In schools and larger classes of buildings the latter method is preferable, and is generally accomplished by mechanical means. For ordinary cases, good results are obtained by the use of vent or cold air registers placed at the base line, half projecting above and half under the floor, and so arranged that the foul and vitiated air is carried off between the floor and the ceiling to the cold air or vent shafts in the chimney, with the advantage of warming these cold places without additional expense. This method is comparatively inexpensive and very effective.

METHODS OF VENTILATION.

Good ventilation can be accomplished by building a very large flue in place of the other smoke flue, and running up through it a tight terra cotta or metal pipe, to convey the smoke from the furnace. The space around this pipe can be utilized as a ventilating shaft by piping to it from the vent register, which should always be located in or near the floor. The heat from the smoke pipe goes upward, thus drawing off the lower strata of air from the rooms connected with the vent shaft. Practically the same results can be obtained by building a double flue, using one-half as a smoke exit and the other half for the vent shaft. If the partition between the flues is not too thick, the vent flue will be warmed sufficiently to serve the purpose for which it is intended. The cold flue is of no use whatever for ventilation.

In connection with the Triumph Furnace sufficient ventilation can generally be obtained by the use of chimneys in connection with the open fire-place. By the use of a damper in the throat of the chimney the exhaust or outflow of the air from the room can be properly controlled, and should approximate about 11 square inches per head. The ordinary chimney, for example, 12 x 12, with the immediate upward draft established, will dispose of about 28,000 feet of air, but if replaced by pure air will supply a sufficient quantity for fourteen persons. By opening the doors and windows in the proper way and at the proper time we have natural ventilation; but this cannot always be depended upon without the exercise of considerable care.

The first and most essential point in the purchase of any heating apparatus is to procure one capable of warming your building thoroughly, without forcing or overheating the conducting surfaces, and have a reserve from which to draw in case of necessity, as our severe and changeable climate often demands.

The purchase of a heater a size larger than the requirement demands is to be recommended for many reasons. It will prove more economical in the consumption of fuel, the radiating surface is larger, the air is better, and the furnace will last longer.

A fault with many furnaces is that they are constructed with too near direct draft, or, in other words, the combustion passes directly from the dome or combustion chamber into the smoke pipe, thus losing a vast quantity of fire, smoke and other combustions contributing to heat, and drawing heavily on our coal supply.

The Triumph Furnaces are designed with especial reference to the thorough distribution of all the gaseous product of combustion, so that it comes in direct contact with the large area of heat radiating surface, transmitting the heat generated very rapidly, thus causing the smoke to enter the chimney with the least velocity and lowest temperature consistent with the conditions essential for perfect combustion and proper draft.

The heating apparatus offered by this company are made and finished in their own foundry and works, by skilled mechanics, and we guarantee them to be of the best material, perfect in workmanship, finish and operation. The difference between this class of goods built upon honor and those offered by many dealers in furnaces, whose castings and fittings are obtained from jobbing foundries at the cheapest figures obtainable, will be readily appreciated. Our castings are of very smooth surface and perfectly fitted; all parts are constructed so as to best withstand the great heating powers of the Furnace, and the parts exposed to the direct action of the heat are made extra strong and heavy.

No expense has been spared in the production of the Triumph Furnaces to make them, in material and workmanship, the superior of any apparatus upon the market. Owing to this fact it will not be the aim of this company to enter into competition with the many inferior grades of furnaces now offered by the manufacturers.

Purchasers can always depend on the Triumph Furnaces being held in the highest standard of workmanship, with the addition of whatever improvements time and judgment may dictate.

Upon examination and a practical trial of the Triumph Furnaces, it will be admitted that they have no equal for durability, economy, convenience, and all other points that constitute a thorough, first-class apparatus.

It is the established purpose of this company to confine the selling and erecting of its apparatus to its agencies and branches, but the company will be pleased to answer in detail all correspondence relative to estimate of cost, capacities, and adjustments, from any territory where it is not represented.

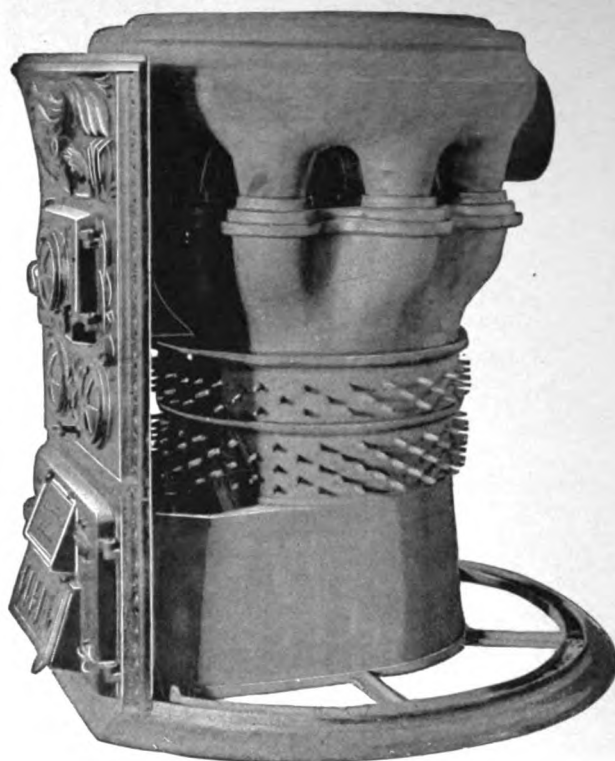
**ESTIMATES
AND
ADJUSTMENTS.**

It should be the aim in the setting of a furnace to consider the location and exposure of the building with a reference to the proper placing of the furnace and the arrangement of the warm air pipes and cold air duct, that a maximum of heat may be obtained from a minimum of fuel. It is impossible to formulate a set of statements concerning capacities that will cover all requirements under all conditions.

Due consideration should be given to the average climate, character of construction, number of rooms to be heated, exposure, direction of winds, location of cold air ducts that pure air may be obtained, the insurance of proper drafts, and conveniences in unloading and storing of fuel.

The estimates of the heating capacities of our various heaters have been made conservatively, but the judgment of the local agent who makes the adjustment should be consulted, that all requirements may be met.

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9** Largest
Stove Plant
- in -
the World.



The Triumph King Furnace.

FOUR SIZES.

HARD OR SOFT COAL.

PORTABLE OR BRICK SET.

The Best Material Combined with the Best Workmanship.

The Top Radiator is cast in one piece, is exceptionally durable, with immense corrugated radiating surface, and is absolutely gas tight and self-cleaning.

The Combustion Chamber, resting on the fire-pot, is a heavy, durable body, so constructed that soot or ashes cannot accumulate. The radiating surface is large and effective, heating three times as much air as those of inferior construction. The advantages of the pointed or porcupine fire-pot are evident. The pot is straight, preventing the accumulation of ashes.

The Triangular Revolving Grate, in effectiveness, heat-resisting qualities, and ease of operation, will be appreciated by those accustomed to the use of the old style grates.

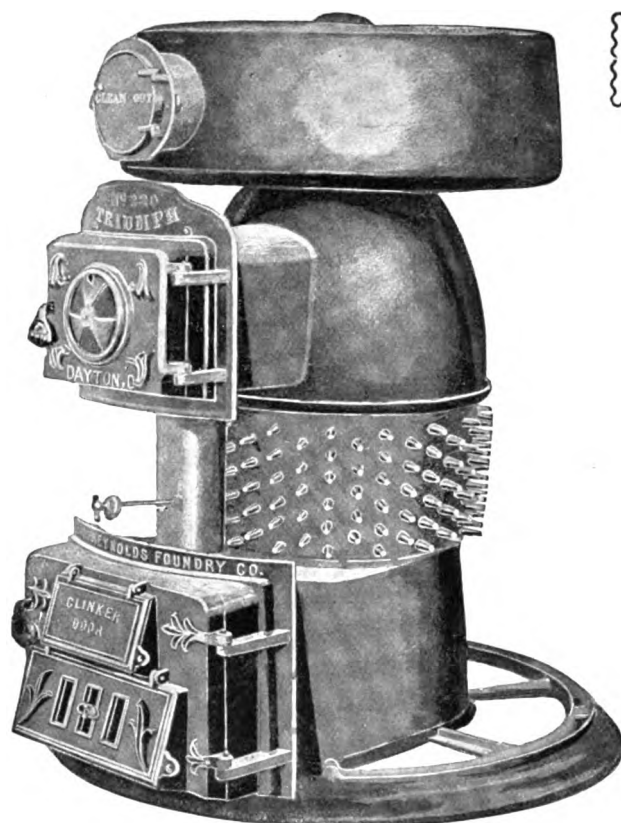
An arrangement admitting of the entire withdrawal of the grate from the ash-pit is a valuable and distinctive feature.

The Shakers and Dust Damper Rods are made of best malleable iron, and throughout the construction is of the best possible character.

WEIGHTS, MEASUREMENTS, CAPACITIES, LIST PRICES, AND CODE WORDS.

No.	Weights.	Diameter of Casing.	Height with Casing.	Height of Castings.	Diameter of Fire-Pot.	Depth of Fire-Pot.	CAPACITIES.	LIST PRICE.		CODE WORDS.
								Not Cased.	Cased.	
		in.	in.	in.	in.	in.	Cubic feet.			
380	1,000	38	66	54	20	14	12,000 to 18,000	\$100.00	\$118.00	Saber.
440	1,550	44	68	56	23	14	18,000 to 30,000	142.00	162.00	Sabine.
520	1,650	51	68	56	26	15	30,000 to 50,000	175.00	198.00	Sable.
600	2,150	60	72	60	30	16	50,000 to 75,000	220.00	245.00	Sack.

The above List Prices include with the furnace a Check Damper, Poker, Shaker, Cleaner, Draft Chains, Regulating Board, Pulleys, Cement, and Fire Clay.



**Largest
Stove Plant
- in -
the World.**

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The Triumph All Cast Furnace.

FIVE SIZES.

HARD OR SOFT COAL.

PORTABLE OR BRICK SET.

In the construction of our Triumph All Cast, the various points of durability, economy and efficiency have been fully covered, and it stands pre-eminent in all the requisites of a low-priced, high class heating apparatus.

It is made for either portable or brick setting. The construction is durable and of the highest workmanship; the joints are deep and the escape of gas is absolutely prevented; the dome, large at the base and contracting above, forces the particles of combustion to intermingle and unite at the inlet of the radiator; while in the enlarged gas chamber of the radiator, space for the combustion of gases is afforded, a secondary and perfect combustion is produced, and the intensely heated gases make the entire circuit of the radiator.

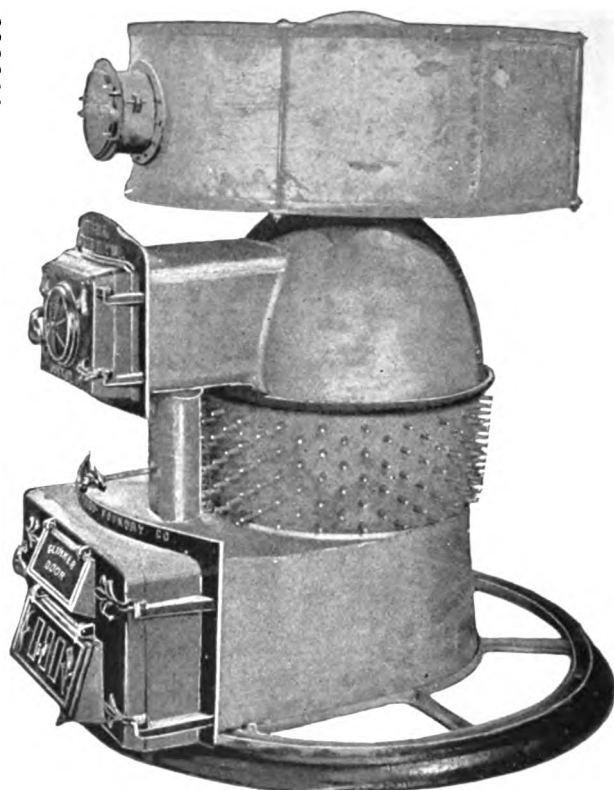
Experience has proven it to be a thoroughly high class sanitary heating apparatus.

WEIGHTS, MEASUREMENTS, CAPACITIES, LIST PRICES AND CODE WORDS.

No.	Weights	Diameter of Casing.	Height with Casing	Height of Castings.	Diameter of Fire Pot.	Depth of Fire Pot.	CAPACITIES.	LIST PRICE.		CODE WORDS.
								Not Cased	Cased.	
		in.	in.	in.	in.	in.	Cubic feet.			
213	1 000	40	63	52	18	14	8,000 to 12,000	\$ 78.00	\$ 93.00	Saddle.
220	1,125	42	64	53	20	14	12,000 to 20,000	100.00	118.00	Safe.
223	1,250	44	65	54	20	14	20,000 to 30 000	130.00	152.00	Safeguard.
226	1,750	51	68	56	26	15	30,000 to 50 000	182.00	205.00	Safety.
230	2,550	60	68	56	30	16	50 000 to 75,000	228.00	252.00	Saffron.

The above List Prices include with the furnace a Check Damper, Poker, Shaker, Cleaner, Draft Chains, Regulating Board, Pulleys, Cement, and Fire-Clay.

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Largest
Stove Plant
- in -
the World.



The Triumph Special Furnace.

FIVE SIZES.

HARD COAL OR COKE.

PORTABLE OR BRICK SET.

The Triumph Special is similar in construction to the All Cast Furnace, except that a steel radiator is used, and it is more particularly designed for the use of hard coal.

The proportions and outlines of these heaters are such that air entering through the cold air boxes passes up close to the fire-pot and dome, thence enters the center spaces of the radiator, where it is surrounded by a highly heated radiating surface, and is finally discharged at its maximum heat into the pipes for distribution throughout the house.

The fire-pot is furnished either sectional or solid, is of heavy construction, very durable, and is made with points or porcupines. One distinctive feature is that the pot is straight, which allows perfect combustion and does not permit accumulation of ashes along the sides.

The Triangular Duplex Revolving Grate, or the Triumph Improved Anti-Clunker Grate, in effectiveness, heat-resisting qualities, and ease of operation, will be appreciated by those accustomed to the use of the old style grates. An arrangement admitting of the entire withdrawal of the grate is a valuable and distinctive feature. The feed, ash pit and shaker doors are arranged for convenience in operation and add greatly to cleanliness and durability. The dampers and drafts are conveniently arranged and very effective. The Shakers and Dust Damper Rods are made of the best malleable iron.

WEIGHTS, MEASUREMENTS, CAPACITIES, LIST PRICES AND CODE WORDS.

No.	Weights.	Diameter of Casing.	Height with Casing.	Height of Castings.	Diameter of Fire-Pot.	Depth of Fire-Pot.	CAPACITIES.	LIST PRICE.		CODE WORDS.
								Not Cased.	Cased.	
		in.	in.	in.	in.	in.	Cubic feet.			
118	930	40	63	52	18	14	8 000 to 12,000	\$ 78.00	\$ 93.00	Sag.
120	1,035	42	64	53	20	14	12,000 to 20,000	100.00	118.00	Sagacity.
123	1 200	44	65	54	23	14	20,000 to 30,000	130.00	152.00	Sage.
126	1,520	51	68	56	26	15	30 000 to 50,000	182.00	205.00	Sagely.
130	2 500	60	68	56	30	16	50,000 to 75,000	228.00	252.00	Sago.

The above List Prices include with the furnace a Check Damper, Poker, Shaker, Cleaner, Draft Chains, Regulating Board, Pulleys, Cement, and Fire-Clay.



See that
it's a Hump.



The Patent Jewel Lifter. Always Cold.

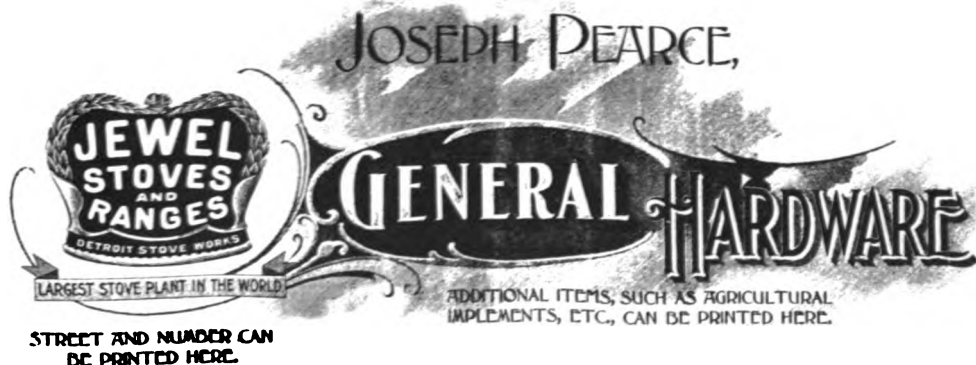
The **Lug** on end of Lifter **holds the lid** until it is to be let go; holds it in any position, even perpendicular. Those who have ever had a lid slip off the lifter and strike the foot or scatter soot all over the floor, will appreciate this simple contrivance. The handle is **always cold and is nicked**. Price, per dozen, 50 cents, *net*. Sold at actual cost as an advertisement.

Jewel Paste Polish.

For Stove Dealer's Use.

This Paste has no equal for imparting, with little labor, a **brilliant and durable polish**, which is retained in any climate. It will also prevent rusting. A five-pound pail, mixed with benzine, will make **six gallons** of Liquid Polish. Full directions for use accompany each package.

Put up in tin pails containing 5 pounds. Price, 8 cents per pound, *net*. Packed, 6 pails in a case.



Lake Linden, Mich. _____ 189__

FINE LITHOGRAPHED STATIONERY

AT LOW PRICES.

THE above cut is a reduced reproduction of the lithographed heading that appears on the Stationery that we sell to our customers. A good quality of paper is used for the Letter Heads, Note Heads, Bill Heads, and Statements. The Envelopes are also of good quality, azure tint, and neatly printed. We quote prices as follows:

			Lot of 500	Lot of 1,000
Lithographed Letter Heads,	11 x 8½ in.	with your full name, address, etc.,	\$1.75	\$3.00
" Note Heads,	6 x 9½ in.	" " " "	1.25	2.00
" Small Bill Heads,	5½ x 8½ in.	" " " "	1.50	2.50
" Med'm "	7 x 8½ in.	" " " "	1.75	2.75
" Large "	14 x 8½ in.	" " " "	2.50	4.00
" Statements,	5½ x 8½ in.	" " " "	1.25	2.00
Envelopes,	3¾ x 6½ in.	" " " "	.75	1.25

The above Stationery will be put up in blocks of one hundred sheets.

We buy this Stationery in very large quantities, and by so doing get exceedingly low prices. At the same time, we realize that the use of it by dealers is of profit to us as well as to them; and in view of this fact we quote the above prices, which are less than cost to us.

Orders will receive our prompt and best attention.

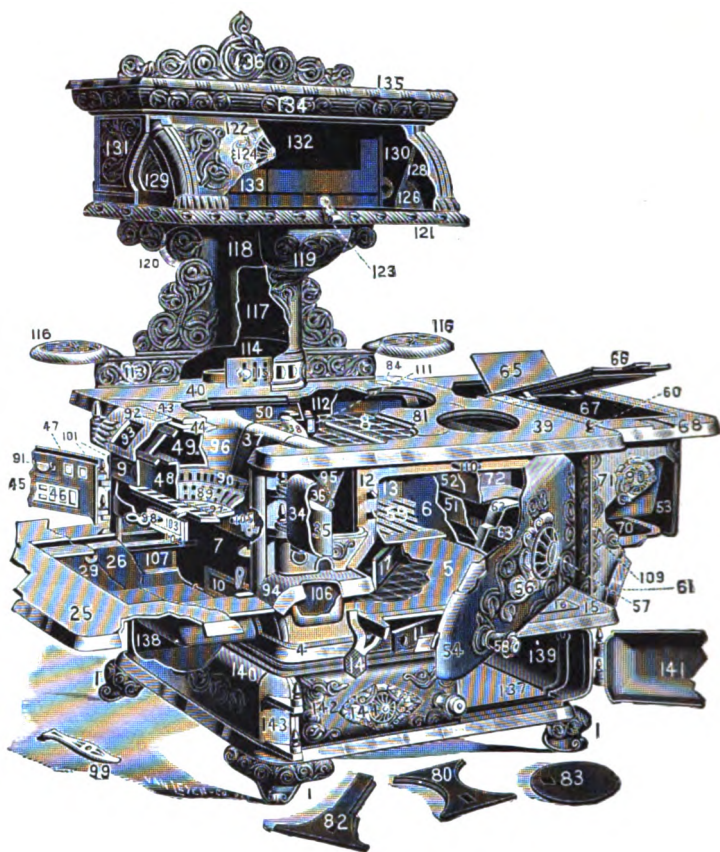
Sample Letter Head furnished
on application.

DETROIT STOVE WORKS
DETROIT, MICH.
CHICAGO ILL.

**1
8
9
9** Largest
Stove Plant
- in -
the World.

List of Repairs for Jewel Cast Ranges.

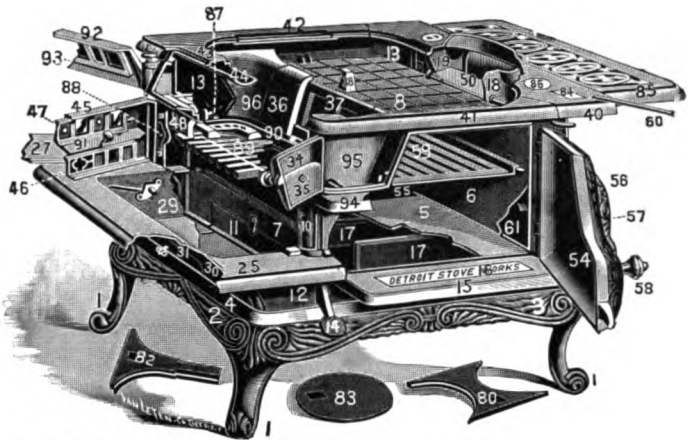
- 1 Leg. State if Range has leg-frame or not.
- Short Leg-Frame. Right or Left. Not shown. For Ranges without low closet.
- 3 Long Leg-Frame. Front or Back. Not shown. For Ranges without low closet.
- 4 Main or Leg Bottom.
- 5 Oven Bottom.
- 6 " Back.
- 7 " Front.
- 8 " Top.
- 9 Left End.
- 10 Oven Flue Stopper.
- 11 Flue-Door, under Oven-Shelf.
- 12 Main Front, or Oven-Door Frame.
- 13 Main Back.
- 14 Kicker, or Oven-Door Opener.
- 15 Outside Oven-Shelf.
- 16 Shelf Name-Plate.
- 17 Bottom Flue Strip.
- 25 Hearth Top.
- 26 Ash-Pit.
- 27 Swing or Small Slide Hearth. (Not on this Range.)
- 29 Ash Pan.
- 32 Wood Grate, or False Bottom. (Not shown.)
- 34 Wood Fire-Door.
- 35 Wood Fire-Door Guard or Lining.
- 36 Fire-Box Back Lining—Right.
- 37 " " —Left.
- 37½ " " —Center.
- (Not in this Range.)
- 38 Center Post.
- 39 Front Top.
- 40 Back Top or Collar Top.
- 43 Top Feed Piece.
- 44 " Guard or Lining.
- 45 Mica Door.
- 46 " Sliding Damper.
- 47 Mica Frame, or Holder.
- 48 Fire Box Front Lining.
- 49 Wood Pocket.
- 50 Top Rolling Damper.
- 51 Reservoir Rolling Damper.
- 52 Tank Casing—Left.
- 53 " —Right.
- 54 Oven Door.
- 56 Oven Door Nickeled Panel.
- 57 " Tile.
- 58 " Knob.
- 59 Oven Rack, or Slide.
- 60 Towel Rod.
- 61 Right End Plate below Tank Casing, or full right end on Square Range.
- 62 Tank Rest—Short.
- 63 " —Long.
- 65 Tank Cover—Back.
- 66 " —Front.
- 67 Tank—Copper or Gray Enameled Iron.
- 68 Stationary Tank Top.
- 70 Tank Casing—Bottom.
- 71 " —Front Cheek.
- 72 " —Back "
- 80 Short Center.
- 81 T-Center.
- 82 Cut Long Center.
- 83 Covers.
- 84 Number Plate.



- 85 Extension Shelf for Right End of Square Range. (Not shown; state if drop shelf with bracket, or stationary shelf.)
- 89 Shaking Coal Grate or Bottom Grate. State whether flat grate, Jewel grate, or Dockash grate.
- 90 Grate Frame.
- 91 Poker Drop.
- 92 Coal Feed Door.
- 93 " Sliding Damper.
- 94 Ash Catch.
- 95 Fire-Box Lining—Front End.
- 96 " —Back End.
- 97 Grate Slide or Draw Center of Coal Grate.
- 98 Draw Bar for Shaking and Draw-Center Grate.
- 99 Shaker.
- 100 Slide for Wood Grate (Not shown.)
- 101 Water Front Caps.
- 102 Grate Cap. (On outside end of fire-box, and not shown.)
- 103 Follower.
- 104 " Holder.
- 105 Oven Front Horn, or Draw Grate Support.
- 106 Ash-Pit Strip—Front or Right.
- 107 " —Back or Left.
- 108 Oven Door Ventilating Register. (Not shown.)
- 109 Handle for Reservoir Rolling Damper.
- 110 Handle for Top or Oven Rolling Damper.
- 111 Hook for Top or Oven Rolling Damper.
- 112 Flue Back.
- 113 T-Shelf—Front.
- 114 " —Back.
- 115 " —Sliding Damper.
- 116 Swinging Teapot Shelf.
- 117 High-Closet Flue Pipe Back.
- 118 " Front.
- 119 " Bonnet.
- 120 " Pipe Collar.
- 121 " Bottom or High Shelf Top.
- 122 " Cylinder Door.
- 123 " Handle.
- 124 " Panel, Nickeled.
- 125 " Panel Tile. (Not shown.)
- 126 High-Closet Cylinder Spring Cap—Right.
- 127 High-Closet Cylinder Spring Cap—Left. (Not shown.)
- 128 High-Closet Cylinder End—Right.
- 129 High-Closet Cylinder End—Left.
- 130 High-Closet End—Right.
- 131 " —Left.
- 132 " Back—Right.
- 133 " —Left.
- 134 " Corner Strip.
- 135 " Top.
- 136 " or High Shelf Top Ornament.
- 137 Low-Closet Bottom.
- 138 " Back.
- 139 " End—Right.
- 140 " —Left.
- 141 " Door—Right.
- 142 " —Left.
- 143 " Front or Door Frame.
- 144 " Door Panel, Nickeled

List of Repairs for Jewel Coal Cook.

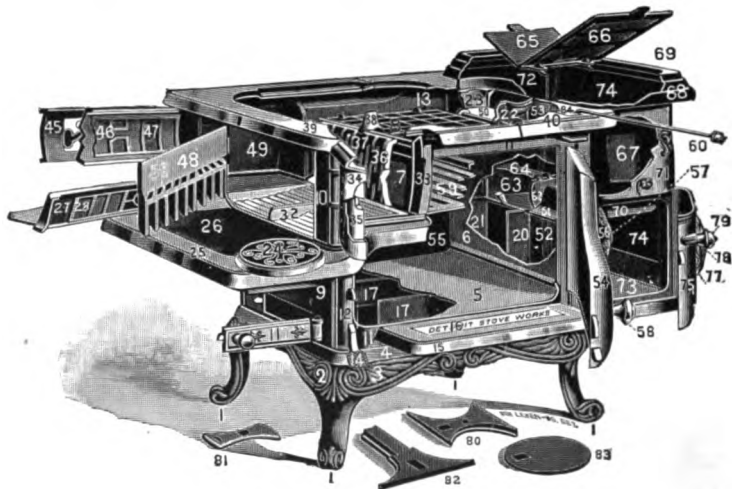
- 1 Legs.
- 2 Short Leg-Frame.
- 3 Long Leg-Frame.
- 4 Leg Bottom.
- 5 Oven Bottom.
- 6 Oven Back.
- 7 Oven Front.
- 8 Oven Top.
- 10 Upper Front.
- 11 Oven Flue Stopper.
- 12 Side, Right-hand.
- 13 Side, Left-hand.
- 14 Kicker, or Oven-Door Opener.
- 15 Outside Oven-Shelf.
- 16 Shelf Name-Plate.
- 17 Bottom Flue Strips.
- 18 Back Flue Strip, Right-hand.
- 19 Back Flue Strip, Left-hand.
- 20 Swing Teapot-Shelf (not shown).
- 25 Hearth Top.
- 27 Swing Hearth.
- 29 Ash-Fan.
- 30 Hearth Front.
- 31 Hearth Flue Stopper.
- 32 Wood Fire-Door.
- 35 Wood Fire-Door Guard or Lining.
- 36 Fire-Back or Back Linings. (If in three pieces, say if Right, Left or Center).
- 37 Fire-Back Flame, or Holder.
- 38 Center Post.
- 40 Back Top, or Collar Top.
- 41 Side Top, Right-hand.
- 42 Side Top, Left-hand.
- 43 Front Top Feed Piece.
- 44 Front Top Feed Piece Guard or Lining.
- 45 Mica Door.
- 46 Mica Door Slide, or Draft Damper.
- 47 Mica Frame.
- 48 Front Grate.



- | | |
|-------------------------------------|-------------------------------------|
| 50 Rolling or Oven Damper. | 85 Back Shelf. |
| 54 Oven-Door, Right-hand. | 86 Top Flue Covers. |
| 55 Oven-Door, Left-hand. | 87 Grate Lever. |
| 56 Oven Door Tile Frame. | 88 Grate Lever Cap. |
| 57 Oven-Door Tile. | 89 Bottom Coal Grate. |
| 58 Oven-Door Knob. | 90 Grate Frame. |
| 59 Oven Rack or Slide. | 91 Poker Trap. |
| 60 Towel Rod. | 92 Coal Feed or Broiling Door. |
| 61 Outside Back. | 93 Coal Feed Door Sliding Damper. |
| 80 Short Center, or Cross-Piece. | 94 Ash Catch. |
| 82 Cut Center, or Long Cross-Piece. | 95 End Fire-Box Lining, Right-hand. |
| 83 Lid, or Griddle Cover. | 96 End Fire-Box Lining, Left-hand. |
| 84 Number Plate. | |

List of Repairs for Jewel Wood Cook.

- 1 Leg.
- 2 Short Leg-Frame.
- 3 Long Leg-Frame.
- 4 Leg Bottom.
- 5 Oven Bottom.
- 6 Oven Back.
- 7 Oven Front.
- 8 Oven Top.
- 9 Lower Front.
- 10 Upper Front.
- 11 Flue-Door or Stopper.
- 12 Side, Right-hand.
- 13 Side, Left-hand.
- 14 Kicker, or Oven-Door Opener.
- 15 Outside Oven-Shelf.
- 16 Shelf Name-Plate.
- 17 Bottom Flue Strips.
- 20 Reservoir Lower Back Flue Strip, Right-hand.
- 21 Reservoir Lower Back Flue Strip, Left-hand.
- 22 Reservoir Upper Back Flue Strip, Right-hand.
- 23 Reservoir Upper Back Flue Strip, Left-hand.
- 24 Swing Teapot Shelf, on hearth.
- 25 Hearth Top.
- 26 Ash-Pit.
- 27 Swing Hearth.
- 28 Swing Hearth Damper or Slide.
- 32 False Bottom.
- 33 Open Check.
- 34 Fire Door.
- 35 Fire-Door Guard or Lining.
- 36 Fire-Back.
- 37 Fire-Back Interlocked Guard.
- 38 Center Post.
- 39 Front Top.
- 40 Back Top.



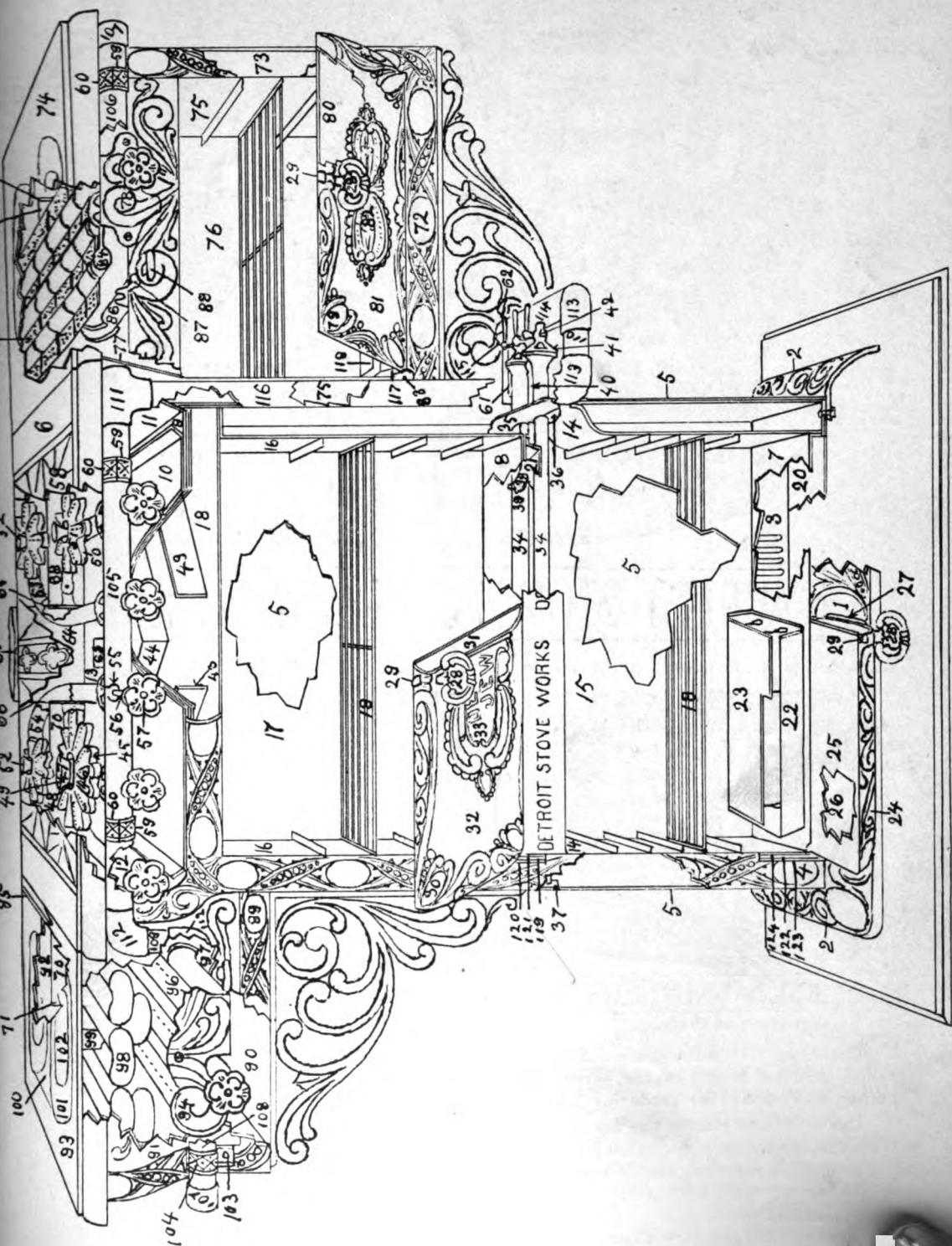
- | | | |
|------------------------------|-----------------------------|---|
| 45 Mica Door. | 59 Oven Rack or Slide. | 74 Closet Back. |
| 46 Mica Slide. | 60 Towel Rod. | 75 Closet Door, Right-hand. |
| 47 Mica Frame. | 62 Tank Strip, Right-hand. | 76 Closet Door, Left-hand, (Not shown). |
| 48 Front Grate. | 63 Tank Strip, Left-hand. | 77 Closet Door Tile Frame |
| 49 Blind Check. | 64 Tank Strip, Top. | 78 Closet Door Tile. |
| 50 Rolling or Oven Damper | 65 Tank Cover, Small. | 79 Closet Door Knob. |
| 51 Reservoir Rolling Damper. | 66 Tank Cover, Large. | 80 Short Center or Cross-Piece. |
| 52 Lower Reservoir Back. | 67 Tank. | 81 Short Center Guard or Lining. |
| 53 Upper Reservoir Back. | 68 Tank Top. | 82 Cut Center or Long Cross-Piece. |
| 54 Oven-Door, Right-hand. | 69 Tank Rim. | 83 Lid or Griddle-Cover. |
| 55 Oven-Door, Left-hand. | 70 Tank Casing, Bottom. | 84 Number-Plate. |
| 56 Oven-Door, Tile Frame | 71 Closet Head, Right-hand. | |
| 57 Oven-Door Tile. | 72 Closet-Head, Left-hand. | |
| 58 Oven-Door Knob. | 73 Closet Bottom. | |

Repairs for Detroit Jewel Gas Ranges.

COMPILED TO SIMPLIFY ORDERING PARTS OF ANY GAS RANGE OF OUR MAKE.

The numbers given in the following list correspond with the numbers given in the cut shown on the opposite page:

- | | | |
|--|---|--|
| 1. Front Base Strip. | 41. Oven Burner Mixer. | 83. Upper Broiler Journal. |
| 2. Side Base Strip. | 42. Oven Burner Cock. | 84. Upper Broiler Burner. |
| 3. Back Base Strip. | 43. Oven Top Flue Strips (right and left). | 85. Upper Broiler Burner Spreader. |
| 4. Main Body Front. | 44. Oven Top Flue Strip (back). | 86. Upper Broiler Burner Lighter. |
| 5. Main Steel Body. | 45. Giant Burner. | 87. Burner Lighter Valve. |
| 6. Main Top. | 46. Giant Burner Cap. | 88. Burner Lighter Valve Handle. |
| 7. Broiler Bottom Plate. | 47. Giant Burner Spreader. | 89. Water Heater Front. |
| 8. Oven Bottom Plate. | 48. Giant Burner Chimney. | 90. Water Heater Bottom. |
| 9. Galvanized Top Plate. | 49. Simmering Burner. | 91. Water Heater End. |
| 10. Tray. | 50. Front Single Burner. | 92. Water Heater Back. |
| 11. Upper Side Piece (right). | 51. Single Burner Caps. | 93. Water Heater Top. |
| 12. Upper Side Piece (left). | 52. Single Burner Spreaders. | 94. Water Heater Removable Plate. |
| 13. Upper Back Piece. | 53. Back Single Burner (right). | 95. Water Heater Inner Lining. |
| 14. Lower Broiler Side Linings. | 54. Back Single Burner (left). | 96. Water Heater Burner. |
| 15. Lower Broiler Back Linings. | 55. Valve. | 97. Water Heater Burner Lighter. |
| 16. Oven Side Linings. | 56. Valve Needle. | 98. Water Heater Coils. |
| 17. Oven Back Linings. | 57. Valve Handle. | 99. Water Heater Coil Holder. |
| 18. Oven Top. | 58. Top Grates. | 100. Water Heater Short Center. |
| 19. Oven Rack. | 59. Top Gas Pipe Brackets. | 101. Water Heater Reducing Ring. |
| 20. Lower False Bottom. | 60. Top Gas Pipe Bracket Cap. | 102. Water Heater Cover. |
| 21. Center False Bottom. | 61. Oven Gas Pipe Bracket. | 103. Water Heater Gas Pipe Bracket. |
| 22. Lower Broiler Drip Pan. | 62. Oven Gas Pipe Bracket Cap. | 104. Water Heater Gas Pipe (nickel) |
| 23. Lower Broiler Drip Pan Rack. | 63. Number Plate. | 105. Top Burner Gas Pipe (nickel) |
| 24. Lower Broiler Drop Door Frame. | 64. Collar Box. | 106. Upper Broiler Gas Pipe (nickel) |
| 25. Lower Broiler Drop Door Inner Steel Plate. | 65. Collar Box Strip (right). | 107. Upper Broiler Gas Pipe Cap (nickel) |
| 26. Lower Broiler Drop Door Outer Steel Plate. | 66. Collar Box Strip (left). | 108. Water Heater Gas Pipe. |
| 27. Lower Broiler Drop Door Nickel Panel. | 67. Elbow. | 109. Short Pipe (nickel). |
| 28. Nickel Door Handle. | 68. Upper Broiler Flue. | 110. Short Pipe (black). |
| 29. Door Latch. | 69. Upper Broiler Flue Cap. | 111. T (nickel). |
| 30. Oven Drop Door Frame. | 70. Water Heater Flue. | 112. L's (nickel). |
| 31. Oven Drop Door Inner Steel Plate. | 71. Water Heater Flue Cap. | 113. L's (black). |
| 32. Oven Drop Door Outer Steel Plate. | 72. Upper Broiler Front. | 114. Oven Burner Pipe (black). |
| 33. Oven Drop Door Nickel Panel. | 73. Upper Broiler End and Bottom. | 115. Oven Burner Pipe Cap (black). |
| 34. Oven Burner. | 74. Upper Broiler Top. | 116. Horizontal Pipe (black). |
| 35. Oven Burner Holder (right, upper). | 75. Upper Broiler End Lining (right & left) | 117. Broiler Drip Pan. |
| 36. Oven Burner Holder (right, lower). | 76. Upper Broiler Back Lining. | 118. Broiler Drip Pan Tray. |
| 37. Oven Burner Holder (left). | 77. Upper Broiler Deflecting Plate. | 119. Oven Door Spring. |
| 38. Oven Burner Inner Lighter (upper). | 78. Upper Broiler Removable Plate. | 120. Oven Door Spring Box. |
| 39. Oven Burner Inner Lighter (lower). | 79. Upper Broiler Door Frame. | 121. Oven Door Spring Box Cap. |
| 40. Oven Burner Outer Lighter. | 80. Upper Broiler Inner Steel Plate. | 122. Lower Broiler Door Spring. |
| | 81. Upper Broiler Outer Steel Plate. | 123. Lower Broiler Door Spring Box. |
| | 82. Upper Broiler Nickel Panel. | 124. Lower Broiler Door Spring Box Cap. |





Trade-Mark Cut No. 10, 3 inches.

Trade-Mark Cut No. 8.
Trade-Mark Cut No. 6, 2 inches.

Trade-Mark Cut No. 7, 4 inches.



Trade-Mark Cut No. 5.



Trade-Mark Cut No. 3.



Trade-Mark Cut No. 2.



Trade-Mark Cut No. 9.



Trade-Mark Cut No. 1.



Trade-Mark Cut No. 4.

Cuts of our Trade-Mark and of any of our Stoves and Ranges will be furnished **free of charge**, to our customers, for advertising purposes. **Please order Trade-Mark Cuts by Number.**

Our agents, to obtain the benefits arising from the large expenditures made in advertising the Jewel Line, should identify themselves in every possible manner with our manufactures; should use our trade-mark electrotype on all printed matter, stationery, and in local advertising, and should have prominently displayed on their store front our trade-mark drum signs, which we furnish free, or one of our large four-foot, embossed swinging signs, which we furnish on very favorable conditions.

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